TOYOTA

ELECTRICAL WIRING DIAGRAM

1988 Commercial Vehicles

Pub. No. EWD046F

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.

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AVANT-PROPOS

Le présent livret contient les schémas de câblage pour toutes les voitures commerciaux de Toyota, sauf pour les E.U.A. et le Canada.

Afin de faciliter la compréhension, chaque schéma de câblage est présenté sous forme de circuit simple de fusible et du fil court et dessiné sommairement. Lors d'une utilisation de ce livret pour la réparation ou l'inspection des pannes électriques, prière de consulter les manuels d'entretien et de réparation de la carrosserie.

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

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1988 TOYOTA ELECTRICAL WIRING DIAGRAM

COMMERCIAL VEHICLES

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Toyota Models Listed in This Manual

For General

Model	Model
TOYOTA 1000 KP36	**Dyna 150** YY52 61 LY60
TUV KF40 50	**Stout** YK110
Liteace KM36 37 YM30 35 40 (4WD) CM35 36	**Dyna** YU62 63 71 81 RU85 BU60 61 62 65 70 80 81 82 85 86 93 WU90 95
Model-F YR21 22 31 (4WD) CR21	**Coaster** RB20 FB30 BB21 22 HB30
Hilux YN50 51 52 55 56 57 58 67 (4WD) RN50 55 LN51 56 65 (4WD)	**Land Cruiser** RJ70 FJ70 73 75 LJ70 BJ70 73 74 75 HJ75 FJ62 BJ60 HJ60 61
4 Runner YN63 LN61	**Truck** DA110 115 116
Hiace YH51V 51B 53V 60V 61V 61B 63V 63B 73B LH51V 51B 61V 61B 71B	
Dyna 100 YH81 LH80	

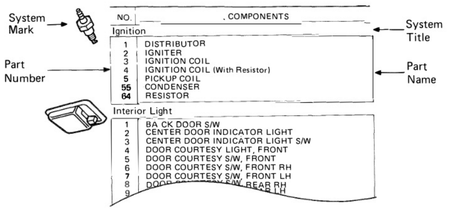
For Europe

Model
Liteace KM30 36 CM35
Model-F YR21 22 31 (4WD)
Hilux YN56 67 (4WD) LN56 65 (4WD)
4 Runner RN61
Hiace YH51V 56V (4WD) 61V 61B 66V (4WD) LH51V 56V (4WD) 61V 66V (4WD)
Dyna 100 YH81 LH80
Dyna 150 YY61 LY60
Dyna BU75 85
Land Cruiser RJ70 LJ70 73 BJ70 71 73 75 HJ60 51

INTRODUCTION

NOTE THE FOLLOWING WHEN READING THE WIRING DIAGRAMS

1. PARTS LIST

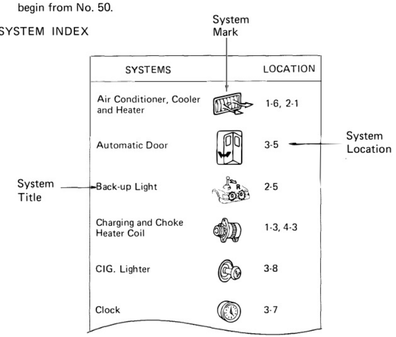


(1) PARTS LIST can be used for all models.

(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.

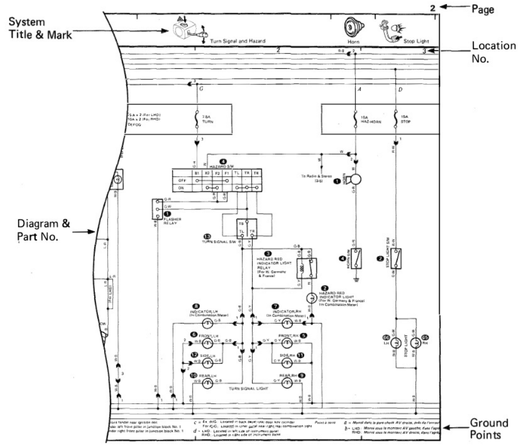
(2) System Titles are arranged in alphabetical order in the SYSTEM INDEX.

(3) The figures under LOCATION designate the page and location for each model.

Example: 4-5 . . . . . Page 4. Location No. 5

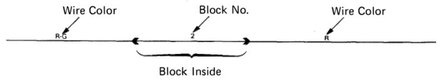
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3. WIRING DIAGRAM



(1) The DIAGRAM is divided according to each system.

(2) Junction Block or Relay Block.



(3) Part Numbers

a. The part numbers in the DIAGRAM correspond to those in the PARTS LIST.

b. Part nomenclatures in the diagram are written in English only. By referring to the part number, the French, German or Spanish equivalent can be found in the respective PARTS LIST.

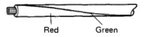
4. WIRE COLOR

Wire colors are indicated by an alphabetical code.

B = Black	L = Light Blue	W = White
BR = Brown	LG = Light Green	Y = Yellow
G = Green	O = Orange	P = Pink
GR = Gray	R = Red	V = Violet

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

Example: R-G



5. ABBREVIATION

The following abbreviations are used in this wiring diagram.

A/C	= Air Conditioner	LHD	= Left-hand Drive Vehicles
A.B.S.	= Anti Lock Brake System	LWR	= Lower
A/P	= Air Purifier	O/D	= Over Drive
A/T	= Automatic Transmission	PKB	= Parking Brake
CB	= Circuit Breaker	RH	= Right-hand
C/P	= Coupe Type	RHD	= Right-hand Drive Vehicles
ECT	= Electronic Controlled Transmission	SC	= Spark Control
EDIC	= Electrical Diesel Injection Control	S/D	= Sedan Type
EFI	= Electronic Fuel Injection	S/W	= Switch
EUR	= Europe	TEMP	= Temperature
FF	= Front Engine Front Drive	TP	= Throttle Positioner
FL	= Fusible Link	TWC	= Three Way Catalyst
FR	= Front Engine Rear Drive	UPR	= Upper
GEN	= General	PPS	= Progressive Power Steering
IG	= Ignition	VSV	= Vacuum Switching Valve
LH	= Left-hand	W/G	= Wagon Type

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 (0.087)	9 (110W)
2.4 (0.094)	12 (140W)
2.7 (0.106)	15 (180W)
3.1 (0.122)	20 (240W)
3.8 (0.150)	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.

1

PARTS LIST

ELECTRICAL WIRING DIAGRAM – 1988 PRODUCTION VEHICLE

Accessory Meter

No.	COMPONENTS
1	ACCESSORY METER
2	FUEL TRANSFER SOLENOID
3	SUB FUEL SENDER
4	POWER OUTLET
85	IN-CAR SENSOR
90	AMBIENT SENSOR

Air Brake

No.	COMPONENTS
1	AIR PRESSURE S/W
2	BOOSTER STROKE INDICATOR S/W
3	BY-PASS VALVE S/W
4	SEDIMENTER INDICATOR LIGHT
52	BRAKE FLUID LEVEL S/W
53	BRAKE WARNING LIGHT
54	BULB CHECK RELAY
67	PKB WARNING LIGHT
68	PKB WARNING LIGHT S/W
75	VACUUM S/W
76	VACUUM WARNING BUZZER

Air Conditioner, Cooler and Heater

No.	COMPONENTS
1	A/C AMPLIFIER
2	A/C CUT AMPLIFIER
3	A/C CUT RELAY
4	A/C MICRO S/W
5	A/C S/W
6	AIR INTAKE CONTROL S/W
7	AIR INTAKE INDICATOR LIGHT
8	AIR INTAKE SERVO MOTOR
9	ACCELERATOR S/W
10	BLOWER MOTOR
11	BLOWER RESISTOR
12	COOL AIR SENSOR
13	COOLER AMPLIFIER
14	COOLER BLOWER MOTOR
15	COOLER CONTROL S/W
16	COOLER INDICATOR LIGHT
17	EVAPO FAN RELAY NO. 1
18	EVAPO FAN RELAY NO. 2
19	HEATER BLOWER S/W
20	HEATER RELAY
21	HIGH PRESSURE S/W
22	IDLE-UP RELAY
23	IDLE-UP SOLENOID
24	IDLE-UP S/W
25	IDLE-UP VSV
26	LOW PRESSURE S/W
27	MAGNET CLUTCH
28	MAGNET CLUTCH RELAY
29	MAGNETIC VALVE, FRONT
30	MAGNETIC VALVE, REAR
31	MAGNET S/W
32	REFRIGERATOR
33	VENTILATION FAN MOTOR
34	VENTILATION RELAY
35	WATER TEMP. RELAY
36	A/C ACCELERATION CUT AMPLIFIER
37	A/C STARTER CUT RELAY
38	FAN MOTOR
39	FAN MOTOR S/W
40	THERMISTOR, FRONT
41	THERMISTOR, REAR
42	VOLUME S/W, FRONT
43	VOLUME S/W, REAR
58	FUSIBLE LINK
59	ENGINE MAIN RELAY
64	NOISE FILTER
70	RESISTOR
74	THERMISTOR
77	VOLUME S/W
78	VSV
79	WATER TEMP. S/W
80	REAR BLOWER MOTOR
81	REAR BLOWER RESISTOR
82	REAR HEATER BLOWER S/W
83	REAR HEATER RELAY
84	REAR HEATER S/W
85	IN-CAR SENSOR
89	MAGNETIC VALVE

Auto Antenna

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

Automatic Door

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

A/T Fluid Temp. Warning

No.	COMPONENTS
1	A/T FLUID TEMP. SENSOR
2	T/M OIL WARNING COMPUTER
91	A/T FLUID TEMP. WARNING LIGHT

Automatic Transmission Indicator

No.	COMPONENTS
1	A/T INDICATOR
2	A/T INDICATOR S/W

Back-up Light or Back-up Lights

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

Carburator

No.	COMPONENTS
56	CHOKE HEATER
57	FUEL CUT SOLENOID
66	OUTER VENT CONTROL VALVE

Charging

No.	COMPONENTS
1	ALTERNATOR
2	ALTERNATOR IW/ IC Regulator)
3	CHARGE LIGHT RELAY
4	VOLTAGE REGULATOR
55	CHARGE WARNING LIGHT
56	CHOKE HEATER
57	FUEL CUT SOLENOID
59	ENGINE MAIN RELAY
64	NOISE FILTER
66	OUTER VENT CONTROL VALVE

Cigarette Lighter

No.	COMPONENTS
1	CIGARETTE LIGHTER
2	CIGARETTE LIGHTER FRONT
3	CIGARETTE LIGHTER REAR
70	RESISTOR

Clock

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

Combination Meter

No.	COMPONENTS
1	AIR CLEANER WARNING LIGHT S/W
2	BRAKE FLUID PRESSURE S/W
3	BULB CHECK S/W
4	CANCEL S/W
5	CHIME
6	CHIME S/W
7	CHOKE WARNING LIGHT
8	CHOKE WARNING LIGHT S/W
9	DIFFERENTIAL S/W
10	ECONOMY METER WARNING LIGHT
11	ENGINE OIL LEVEL S/W
12	ENGINE OIL LEVEL WARNING LIGHT
13	ENGINE OIL LEVEL WARNING LIGHT S/W
14	ENGINE OIL & RADIATOR LEVEL RELAY
15	FUEL FILTER WARNING BUZZER
16	FUEL FILTER WARNING LIGHT
17	FUEL FILTER WARNING S/W
18	FUEL GAUGE
19	FUEL LEVEL WARNING LIGHT
20	FUEL LEVEL WARNING S/W
21	FUEL SENDER
22	GLOW PLUG INDICATOR LIGHT
23	LEVEL CHECK S/W
24	NEUTRAL INDICATOR LIGHT
25	OIL LEVEL WARNING COMPUTER
26	OIL PRESSURE GAUGE
27	OIL PRESSURE SENDER
28	OIL PRESSURE WARNING LIGHT
29	OIL TEMP. WARNING LIGHT
30	PICKUP SENSOR
31	RADIATOR FLUID LEVEL S/W
32	RADIATOR FLUID LEVEL WARNING LIGHT
33	TACHOMETER
34	TIMING BELT WARNING LIGHT
35	TIMING BELT WARNING LIGHT S/W
36	TRANSFER NEUTRAL POSITION S/W
37	VACUUM SENSOR
38	VOLTMETER
39	WATER TEMP. GAUGE
40	WATER TEMP. SENDER
41	4WD INDICATOR LIGHT
42	4WD INDICATOR LIGHT S/W
43	TACHOMETER INDICATOR LIGHT
44	TURBO INDICATOR S/W
45	TURBO WARNING LIGHT
46	TURBO WARNING S/W
47	DIFFERENTIAL LOCK INDICATOR
48	DIFFERENTIAL INDICATOR
49	WASHER FLUID LEVEL S/W
50	WASHER WARNING LIGHT
101	TURBO WARNING RELAY
51	AIR CLEANER WARNING LIGHT
52	BRAKE FLUID LEVEL S/W
53	BRAKE WARNING LIGHT
54	BULB CHECK RELAY
55	CHARGE WARNING LIGHT
63	NEUTRAL START S/W
64	NOISE FILTER
65	OIL PRESSURE S/W
67	PKB WARNING LIGHT
68	PKB WARNING LIGHT S/W
72	SPEED SENSOR
75	VACUUM S/W
76	VACUUM WARNING BUZZER
86	PTO INDICATOR LIGHT
87	PTO INDICATOR LIGHT S/W
91	A/T FLUID TEMP. WARNING LIGHT
94	SPEED WARNING BUZZER

Condition Indicator

No.	COMPONENTS
1	AIR CLEANER VACUUM WARNING SENSOR
2	BATTERY SENSOR
3	BATTERY WARNING LIGHT
4	CONDITION INDICATOR COMPUTER
5	RADIATOR SENSOR
6	RADIATOR WARNING LIGHT
7	REAR LIGHT FAILURE WARNING LIGHT
8	AIR CLEANER WARNING LIGHT

Cool and Hot Box

No.	COMPONENTS
1	AMPLIFIER
2	COOL AND HOT BOX LIGHT
3	COOL AND HOT BOX S/W
4	MAGNETIC VALVE RELAY
5	MOTOR
6	PTC HEATER
7	PTC HEATER RELAY
74	THERMISTOR
89	MAGNETIC VALVE

Cruise Control

No.	COMPONENTS
1	CRUISE CONTROL ACTUATOR
2	CRUISE CONTROL CLUTCH S/W
3	CRUISE CONTROL COMPUTER
4	CRUISE CONTROL MAIN S/W
5	CRUISE CONTROL STOP S/W
6	CRUISE CONTROL MAIN RELAY
7	CRUISE CONTROL S/W
68	PKB WARNING LIGHT S/W
72	SPEED SENSOR
79	WATER TEMP. S/W

Door Locks

No.	COMPONENTS
1	DOOR LOCK CONTROL S/W
2	DOOR LOCK MOTOR
3	DOOR LOCK MOTOR, BACK DOOR
4	DOOR LOCK MOTOR, SLIDE DOOR
5	DOOR LOCK RELAY
6	DOOR LOCK SOLENOID
7	DOOR LOCK SOLENOID, BACK DOOR
8	DOOR LOCK SOLENOID, FRONT RH
9	DOOR LOCK SOLENOID, FRONT LH
10	DOOR LOCK SOLENOID, REAR RH
11	DOOR LOCK SOLENOID, REAR LH
12	DOOR LOCK S/W
13	DOOR LOCK MOTOR FRONT RH
14	DOOR LOCK MOTOR FRONT LH
15	DOOR LOCK S/W, BACK DOOR
16	DOOR LOCK SOLENOID, SLIDE DOOR
17	DOOR LOCK CONTROL RELAY

Dump

No.	COMPONENTS
1	DUMP WARNING BUZZER
2	DUMP WARNING LIGHT S/W
3	GAUGE WEIGHT RECEIVER
4	GAUGE WEIGHT SENDER
86	PTO INDICATOR LIGHT
87	PTO INDICATOR LIGHT S/W

ECT (Electronic Control Transmission)

No.	COMPONENTS
1	A/T
3	ECT COMPUTER
4	PATTERN SELECT S/W
5	T/M SOLENOID
6	T/M SPEED SENSOR
63	NEUTRAL START S/W
71	CHECK CONNECTOR
92	O/D MAIN S/W
93	O/D OFF INDICATOR
97	A/T OIL TEMP. SENSOR

EDIC

No.	COMPONENTS
1	EDIC MOTOR
2	EDIC RELAY
57	FUEL CUT SOLENOID
58	FUSIBLE LINK
59	ENGINE MAIN RELAY
61	INTAKE AIR SHUT-OFF VSV
65	OIL PRESSURE S/W

EFI, TCCS

No.	COMPONENTS
1	AIR FLOW METER
2	AIR VALVE
3	CHECK ENGINE
4	CHECK ENGINE CONNECTOR
5	CIRCUIT OPENING RELAY
6	ECU (Electronic Control Unit)
7	EFI MAIN RELAY
8	FUEL PUMP
9	FUEL PUMP CHECK CONNECTOR
10	INJECTOR
11	ISC VALVE
12	THROTTLE POSITION SENSOR
13	EFI COMPUTER
14	EGR GAS TEMP. SENSOR
15	IDLE-UP TEMP. S/W
16	OX SENSOR NO. 1
17	OX SENSOR NO. 1 CHECK CONNECTOR
18	OX SENSOR NO. 2
19	OX SENSOR NO. 2 CHECK CONNECTOR
20	HAC SENSOR
21	KNOCK SENSOR
22	TCCS ECU
23	VSV (AS)
24	VSV (Fuel Pressure up)
64	NOISE FILTER
70	RESISTOR
71	CHECK CONNECTOR
72	SPEED SENSOR
78	VSV
79	WATER TEMP. S/W
88	OX SENSOR
95	DISTRIBUTOR
96	WATER TEMP. SENSOR
98	IGNITER
99	IGNITION COIL

Emission Control

No.	COMPONENTS
1	COLD MIXTURE HEATER
2	COLD MIXTURE HEATER RELAY
3	EGR VSV
4	EMISSION CONTROL COMPUTER
5	EMISSION CONTROL RELAY
6	TEMP. S/W
7	TOP S/W
8	VSV (AI)
9	VSV (EVAP)
10	VSV (ISC)
11	VSV (Spark Control)
12	VSV (TP)
13	EACV
14	EBCV
15	VACUUM S/W NO. 1
16	VACUUM S/W NO. 2
17	VSV (DP)
18	OVER RUN PREVENTION COMPUTER
19	VSV (TCS)
56	CHOKE HEATER
57	FUEL CUT SOLENOID
61	INTAKE AIR SHUT-OFF VSV
66	OUTER VENT CONTROL VALVE
71	CHECK CONNECTOR
72	SPEED SENSOR
75	VACUUM S/W
78	VSV
79	WATER TEMP. S/W
88	OX SENSOR

Exhaust Brake

No.	COMPONENTS
1	EXHAUST BRAKE ACCEL S/W
2	EXHAUST BRAKE BUTTERFLY SOLENOID
3	EXHAUST BRAKE CLUTCH S/W
4	EXHAUST BRAKE RETARDER 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
57	FUEL CUT SOLENOID
72	SPEED SENSOR

Fog Lights

No.	COMPONENTS
1	FOG LIGHT, RH
2	FOG LIGHT, LH
3	FOG LIGHT S/W
4	FOG LIGHT RELAY

Front Wiper and Washer

No.	COMPONENTS
1	INTERMITTENT TIME S/W
2	WASHER MOTOR
3	WASHER S/W
4	WIPER LOCK RELAY
5	WIPER LOCK S/W
6	WIPER MOTOR
7	WIPER RELAY
8	WIPER RELAY (High)
9	WIPER RELAY (Low)
10	WIPER S/W
11	WASHER RELAY
12	WASHER VALVE

Fuel Heater

No.	COMPONENTS
1	FUEL HEATER
2	FUEL HEATER RELAY
3	FUEL PRESSURE S/W
75	VACUUM S/W

Glow Plugs

No.	COMPONENTS
1	GLOW PLUG
2	GLOW PLUG CONTROLLER
3	GLOW PLUG CURRENT SENSOR
4	GLOW PLUG INDICATOR LIGHT
5	GLOW PLUG RELAY
6	GLOW PLUG RELAY (After Glow)
7	GLOW PLUG RESISTOR
8	GLOW PLUG S/W
9	INTAKE HEATER
10	INTAKE HEATER INDICATOR LIGHT
11	INTAKE HEATER TIMER
12	INTAKE RELAY
13	PRE-HEATING TIMER
57	FUEL CUT SOLENOID
58	FUSIBLE LINK
59	ENGINE MAIN RELAY
96	WATER TEMP. SENSOR

Headlight Cleaner

No.	COMPONENTS
1	HEADLIGHT CLEANER MOTOR
2	HEADLIGHT CLEANER RELAY
3	HEADLIGHT CLEANER S/W

Headlights

No.	COMPONENTS
1	DIMMER RELAY
2	DIMMER S/W
3	HEADLIGHT RELAY
4	HEADLIGHT, RH
5	HEADLIGHT, LH
6	HIGH BEAM INDICATOR LIGHT
7	HIGH CUT RELAY
8	RUNNING LIGHT CONTROL RELAY
9	RUNNING LIGHT RELAY
10	DIM-DIP RELAY
11	DIM-DIP RELAY NO. 2
12	DIM-DIP RELAY NO. 3
13	DRIVING LIGHT RELAY
14	DRIVING LIGHT, RH
15	DRIVING LIGHT, LH
16	DRIVING LIGHT S/W
17	LIGHT CONTROL S/W
70	RESISTOR

Horn

No.	COMPONENTS
1	HORN
2	HORN RELAY
3	HORN, RH
4	HORN, LH
5	HORN S/W
6	HORN CHANGE S/W

Ignition

No.	COMPONENTS
4	IGNITION COIL (W/ Resistor)
5	IIA
6	PICKUP COIL
59	ENGINE MAIN RELAY
64	NOISE FILTER
70	RESISTOR
71	CHECK CONNECTOR
95	DISTRIBUTOR
98	IGNITER
99	IGNITION COIL

Intake Air Shut-Off System

No.	COMPONENTS
1	ENGINE STOP RELAY
2	ENGINE STOP S/W
61	INTAKE AIR SHUT-OFF VSV

Interior Lights

No.	COMPONENTS
1	BACK DOOR LIGHT
2	BACK DOOR LIGHT S/W
3	BACK DOOR S/W
4	CENTER DOOR INDICATOR LIGHT
5	CENTER DOOR INDICATOR LIGHT S/W
6	DECK LIGHT S/W
7	DOOR COURTESY LIGHT, FRONT
8	DOOR COURTESY LIGHT, RH
9	DOOR COURTESY LIGHT, LH
10	DOOR COURTESY S/W, BACK DOOR
11	DOOR COURTESY S/W, FRONT
12	DOOR COURTESY S/W, FRONT RH
13	DOOR COURTESY S/W, FRONT LH
14	DOOR COURTESY S/W, REAR RH
15	DOOR COURTESY S/W, REAR LH
16	DOOR COURTESY S/W, RH
17	DOOR COURTESY S/W, LH
18	DOOR COURTESY S/W, SLIDE DOOR
19	DOOR COURTESY S/W, SLIDE RH
20	DOOR COURTEST S/W, SLIDE LH
21	INTERIOR LIGHT
22	INTERIOR LIGHT, NO. 1
23	INTERIOR LIGHT, NO. 2
24	INTERIOR LIGHT, NO. 3
25	INTERIOR LIGHT, NO. 4
26	INTERIOR LIGHT, NO. 5
27	INTERIOR LIGHT, REAR
28	INTERIOR LIGHT S/W
29	INTERIOR LIGHT S/W, REAR
30	LUGGAGE ROOM LIGHT
31	LUGGAGE ROOM LIGHT S/W
32	MAP LIGHT
33	MAP LIGHT S/W
34	OPEN DOOR WARNING LIGHT
35	REAR ROOM LIGHT
36	ROOM LIGHT CONTROL RELAY
37	STEP LIGHT
38	UNLOCK WARNING LIGHT
39	DOOR COURTESY S/W
40	BACK DOOR UNLOCK S/W
41	DOOR COURTESY S/W, ASSISTANT
42	DOOR COURTESY S/W, DRIVER
43	IGNITION KEY CYLINDER LIGHT
44	INTERIOR LIGHT, FRONT
45	INTERIOR LIGHT S/W, FRONT
46	OPEN DOOR WARNING LIGHT, BACK DOOR
47	OPEN DOOR WARNING LIGHT, FRONT DOOR
48	OPEN DOOR WARNING LIGHT, REAR DOOR
49	EXIT WARNING BUZZER
60	INSPECTION LIGHT SOCKET
100	RHEOSTAT

Light Reminder

No.	COMPONENTS
1	LIGHT REMINDER BUZZER
2	LIGHT REMINDER RELAY

Over Drive

No.	COMPONENTS
1	O/D COMPUTER
4	O/D OIL PRESSURE S/W
5	O/D RELAY
6	O/D SOLENOID
9	KICK DOWN SW
72	SPEED SENSOR
79	WATER TEMP. S/W
92	O/D MAIN S/W
93	O/D OFF INDICATOR
97	A/T OIL TEMP. SENSOR

Power Seat

No.	COMPONENTS
1	POWER SEAT MOTOR
2	POWER SEAT S/W

Power Source

No.	COMPONENTS
1	AMMETER
2	BATTERY
3	IGNITION S/W
58	FUSIBLE LINK
71	CHECK CONNECTOR

Power Windows

No.	COMPONENTS
1	BACK DOOR CONTROL S/W
2	BACK DOOR WARNING LIGHT
3	COVER TOP S/W
4	DOOR LOCK DETECTION S/W
5	POWER WINDOW AND WIPER RELAY
6	POWER WINDOW LIMIT S/W
7	POWER WINDOW MASTER S/W
8	POWER WINDOW MOTOR
9	POWER WINDOW MOTOR, ASSISTANT
10	POWER WINDOW MOTOR, DRIVER
11	POWER WINDOW MOTOR, REAR RH
12	POWER WINDOW MOTOR, REAR LH
13	POWER WINDOW RELAY
14	POWER WINDOW S/W
15	POWER WINDOW S/W, ASSISTANT
16	POWER WINDOW S/W, REAR RH
17	POWER WINDOW S/W, REAR LH
69	POWER MAIN RELAY

Radiator Fan and Condenser Fan

1	CONDENSER FAN MOTOR
2	CONDENSER FAN RELAY
3	CONDENSER FAN RELAY NO. 1
4	CONDENSER FAN RELAY NO. 2
5	CONDENSER FAN RELAY NO. 3
6	HIGH PRESSURE S/W
7	HI-LOW CHANGE RELAY
8	HI-LOW RELAY
64	NOISE FILTER
70	RESISTOR

Radio and Tape Player

1	DC-DC CONVERTER
2	MICROPHONE
3	POWER AMPLIFIER
4	RADIO
5	RADIO AND TAPE PLAYER
6	SPEAKER
7	SPEAKER, FRONT RH
8	SPEAKER, FRONT LH
9	SPEAKER, REAR RH
10	SPEAKER, REAR LH
11	SPEAKER, RH
12	SPEAKER, LH
13	WOOFER
14	WOOFER SPEAKER
70	RESISTOR

Rear Air Conditioner

1	REAR A/C AMPLIFIER
2	REAR A/C RELAY
3	REAR A/C S/W
6	REAR BLOWER RESISTOR, NO. 1
7	REAR BLOWER RESISTOR, NO. 2
8	REAR COOLER BLOWER S/W
9	REAR COOLER RELAY
11	REAR HEATER BLOWER S/W AND INDICATOR LIGHT
14	REAR MAGNETIC VALVE
16	BLOWER RELAY
17	REAR BLOWER MOTOR NO. 1
18	REAR BLOWER MOTOR NO. 2
19	REAR HEATER AMPLIFIER
20	WARM-UP RELAY
74	THERMISTOR
77	VOLUME S/W
79	WATER TEMP. S/W
80	REAR BLOWER MOTOR
81	REAR BLOWER RESISTOR
82	REAR HEATER BLOWER S/W
83	REAR HEATER RELAY
84	REAR HEATER S/W
85	IN-CAR SENSOR
90	AMBIENT SENSOR

Rear Fog Lights

1	REAR FOG INDICATOR LIGHT
2	REAR FOG LIGHT
3	REAR FOG LIGHT RELAY
4	REAR FOG LIGHT, RH
5	REAR FOG LIGHT, LH
6	REAR FOG LIGHT S/W
7	SHORT CONNECTOR

Rear Window Defogger

1	DEFOGGER S/W
2	REAR WINDOW DEFOGGER
3	DEFOGGER TIMER
4	DEFOGGER RELAY

Rear Wiper and Washer

1	REAR WASHER MOTOR
2	REAR WASHER S/W
3	REAR WIPER MOTOR
4	REAR WIPER RETRACTION DETECTION S/W
5	REAR WIPER S/W
6	REAR WIPER RELAY

Remote Control Mirrors

1	MIRROR MOTORS, RH
2	MIRROR MOTORS, LH
3	REMOTE CONTROL MIRROR S/W

Seat Belt Warning

1	BUCKLE S/W
2	SEAT BELT WARNING LIGHT
3	SEAT BELT WARNING RELAY

Seat Heaters

1	SEAT HEATER
2	SEAT HEATER S/W
3	SEAT HEATER, ASSISTANT
4	SEAT HEATER, DRIVER
5	SEAT HEATER, RH
6	SEAT HEATER, LH
7	SEAT HEATER S/W, ASSISTANT
8	SEAT HEATER S/W, DRIVER

Sedimenter

1	SEDIMENTER WARNING LIGHT
2	SEDIMENTER WARNING LIGHT S/W

Starting

1	OVER INJECTION MAGNET
2	STARTER
3	STARTER RELAY
4	SUB STARTER S/W
5	COLD START INJECTOR
6	START INJECTOR TIME S/W
63	NEUTRAL START S/W

Stop Lights

1	STOP LIGHT, RH
2	STOP LIGHT, LH
3	STOP LIGHT S/W
64	NOISE FILTER

Sun Roof

1	LIMIT S/W
2	SUN ROOF CONTROL RELAY
3	SUN ROOF MOTOR
4	SUN ROOF S/W
69	POWER MAIN RELAY

Super Shift

1	SUPER SHIFT CLUTCH S/W
2	SUPER SHIFT INDICATOR
3	SUPER SHIFT INDICATOR S/W (Economy)
4	SUPER SHIFT INDICATOR S/W (Power)
5	SUPER SHIFT OIL TEMP. S/W
6	SUPER SHIFT SOLENOID (Economy)
7	SUPER SHIFT SOLENOID (Power)
8	TRANSMISSION CONTROL COMPUTER
9	TRANSMISSION CONTROL S/W
71	CHECK CONNECTOR

Tachograph

1	TACHOGRAPH
73	TACHOGRAPH LIGHT
94	SPEED WARNING BUZZER

Taillights and Illumination

1	ACCESSORY METER LIGHT
2	A/T INDICATOR LIGHT
3	A/T LEVER LIGHT
4	CIGARETTE LIGHTER LIGHT
5	CLEARANCE LIGHT, RH
6	CLEARANCE LIGHT, LH
7	CLINOMETER LIGHT
8	CLOCK LIGHT (Analog)
9	COMBINATION METER LIGHT
10	COOLER CONTROL PANEL LIGHT
11	CRUISE CONTROL S/W LIGHT
12	DEFOGGER S/W LIGHT
13	GLOVE BOX LIGHT
14	GLOVE BOX LIGHT S/W
15	HEATER CONTROL PANEL LIGHT
16	INSTRUMENT PANEL LIGHT
17	LICENCE PLATE LIGHT
18	LICENCE PLATE LIGHT, RH
19	LICENCE PLATE LIGHT, LH
20	LIGHT FAILURE SENSOR
21	O/D S/W LIGHT
22	OIL PRESSURE INDICATOR LIGHT
23	PATTERN INDICATOR LIGHT
24	POWER WINDOW S/W LIGHT
25	RADIO LIGHT
26	REAR HEATER CONTROL PANEL LIGHT
27	REAR WIPER AND WASHER S/W LIGHT
29	SPEEDOMETER LIGHT
30	SWITCH LIGHT
31	TACHOMETER LIGHT
32	TAILLIGHT RELAY
33	TAILLIGHT, RH
34	TAILLIGHT, LH
35	THERMOMETER INDICATOR LIGHT
36	TRANSFER CONTROL S/W LIGHT
37	WEIGHT METER LIGHT
38	REAR FOG LIGHT S/W LIGHT
39	ASHTRAY LIGHT
40	FRONT FOG LIGHT S/W LIGHT
41	HAZARD S/W LIGHT
60	INSPECTION LIGHT SOCKET
62	LIGHT CONTROL S/W
70	RESISTOR
73	TACHOGRAPH LIGHT
100	RHEOSTAT

Thermometer

1	THERMOMETER
2	THERMO SENSOR, FRONT
3	THERMO SENSOR, REAR

Trailer Socket

1	TRAILER SOCKET
2	TRAILER SOCKET CHANGE OVER S/W

Turn Signal and Hazard

1	HAZARD-RED INDICATOR LIGHT
2	HAZARD RED INDICATOR LIGHT RELAY
3	HAZARD S/W
4	QUICK FLASHER RELAY
5	TURN SIGNAL FLASHER
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
17	HAZARD RED INDICATOR LIGHT, RH
18	HAZARD RED INDICATOR LIGHT, LH

Two-Speed

1	TWO-SPEED INDICATOR LIGHT, RH
2	TWO-SPEED INDICATOR LIGHT, LH
3	TWO-SPEED INDICATOR LIGHT S/W

Winch

1	MAGNET S/W
2	WINCH CONTROL S/W
3	WINCH MOTOR

Work Light

1	WORK INDICATOR LIGHT
2	WORK LIGHT
3	WORK LIGHT S/W
4	A/T POSITION
5	PTO CONNECTOR

4WD

1	TRANSFER CONTROL RELAY
2	TRANSFER CONTROL SOLENOID
3	TRANSFER CONTROL S/W
4	TRANSFER L4 POSITION S/W

Heater Water Pump

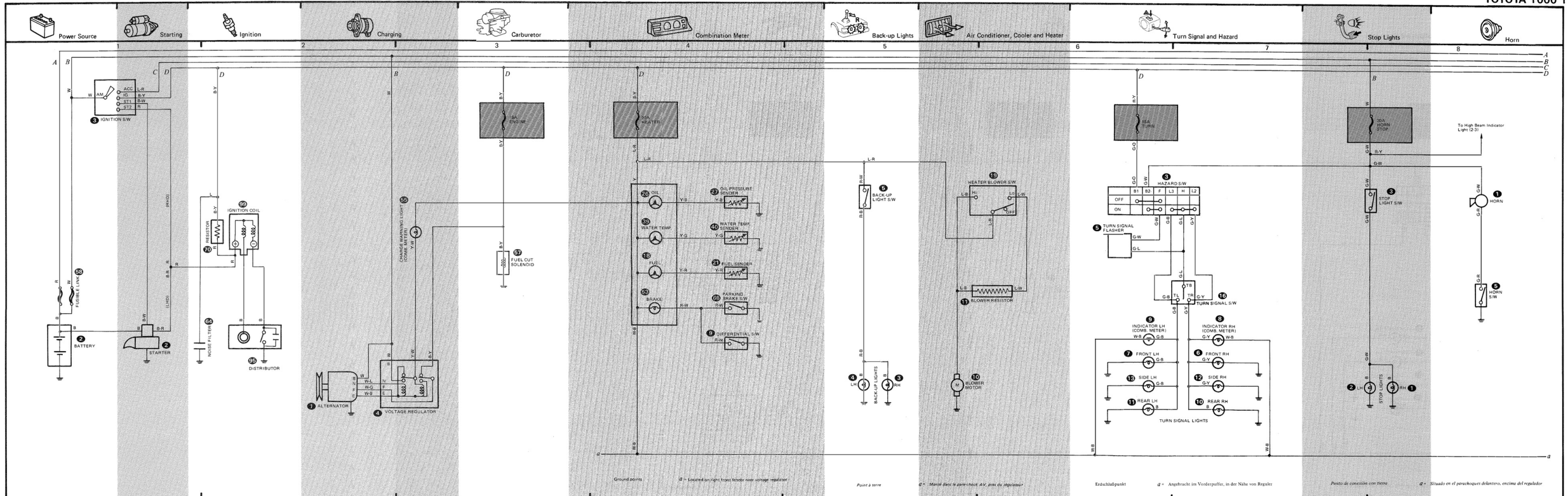
1	HEATER PUMP
2	HEATER PUMP RELAY
3	HEATER PUMP S/W
4	MAX WARM S/W
5	WATER PUMP MAIN RELAY

SYSTEM INDEX

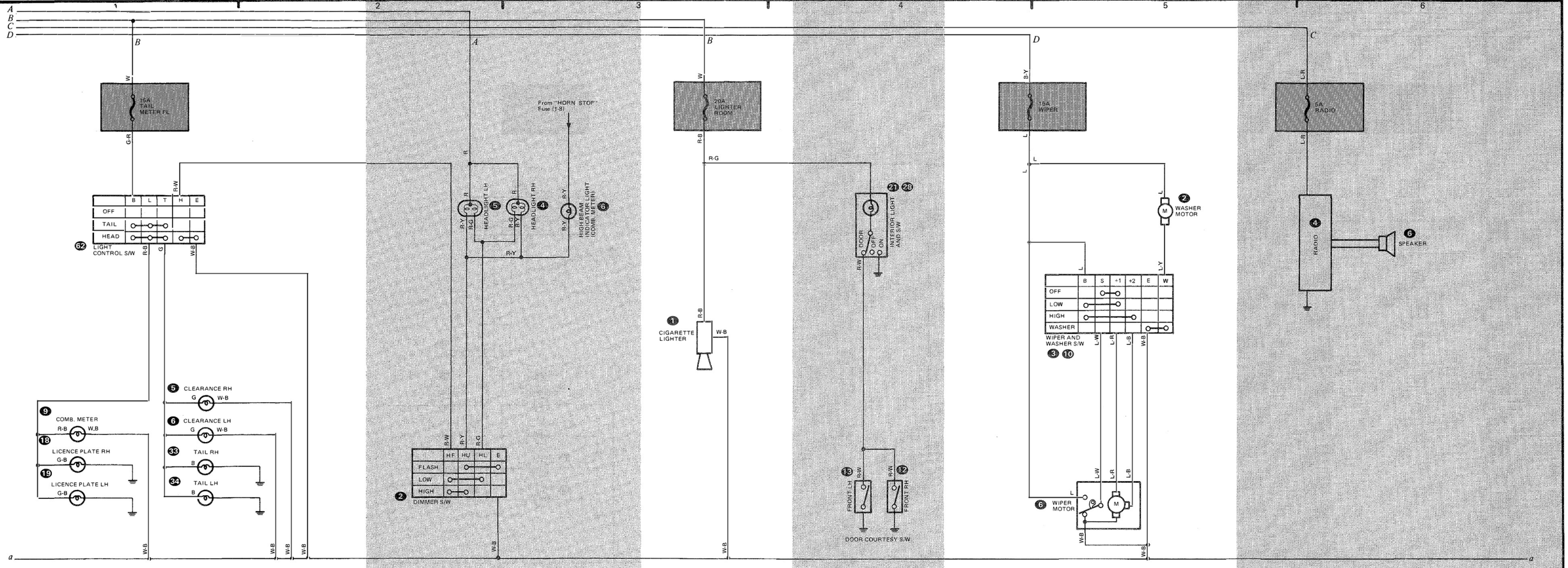
TOYOTA 1000 — 1988 Production Vehicles (Page 1 to Page 2)

SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	1-5
Back-up Lights	1-5
Carburetor	1-3
Charging	1-2
Cigarette Lighter	2-3
Combination Meter	1-4
Front Wiper and Washer	2-5
Headlights	2-2
Horn	1-8
Ignition	1-2
Interior Lights	2-4
Power Source	1-1
Radio and Tape Player	2-6
Starting	1-1
Stop Lights	1-7
Taillights and Illumination	2-1
Turn Signal and Hazard	1-6

SYSTEMS	LOCATION


Power Source
Starting
Ignition
Charging
Carburetor
Combination Meter
Back-up Lights
Air Conditioner, Cooler and Heater
Turn Signal and Hazard
Stop Lights
Horn
1
2
3
4
5
6
7
8
IGNITION S/W
BATTERY
STARTER
FUSIBLE LINK
NOISE FILTER
IGNITION COIL
RESISTOR
DISTRIBUTOR
ALTERNATOR
VOLTAGE REGULATOR
CHARGE WARNING LIGHT (COMBI. METER)
FUEL CUT SOLENOID
OIL PRESSURE SENDER
WATER TEMP. SENDER
FUEL SENDER
PARKING BRAKE S/W
DIFFERENTIAL S/W
BRAKE
OIL
WATER TEMP.
FUEL
BACK-UP LIGHT S/W
BACK-UP LIGHTS
HEATER BLOWER S/W
BLOWER RESISTOR
BLOWER MOTOR
HAZARD S/W
TURN SIGNAL FLASHER
TURN SIGNAL S/W
INDICATOR LH (COMB. METER)
INDICATOR RH (COMB. METER)
FRONT LH
FRONT RH
SIDE LH
SIDE RH
REAR LH
REAR RH
TURN SIGNAL LIGHTS
STOP LIGHT S/W
STOP LIGHTS
HORN
HORN S/W
To High Beam Indicator Light (2-3)
Ground points
Point à terre
Erdschlußpunkt
Punto de conexión con tierra

Tailights and Illumination | Headlights | Cigarette Lighter | Interior Lights | Front Wiper and Washer | Radio and Tape Player



Ground points

a = Located on right front fender near voltage regulator

Point à terre

a = Monté dans le pare-chock AV, près du régulateur

Erdschlußpunkt

a = Angebracht im Vorderpuffer, in der Nähe von Reguler

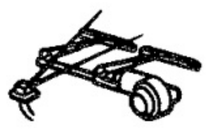
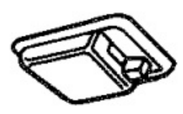
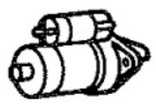
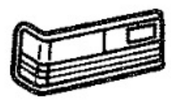
Punto de conexión con tierra

a = Situado en el parachoques delantero, encima del regulador

SYSTEM INDEX

TUV

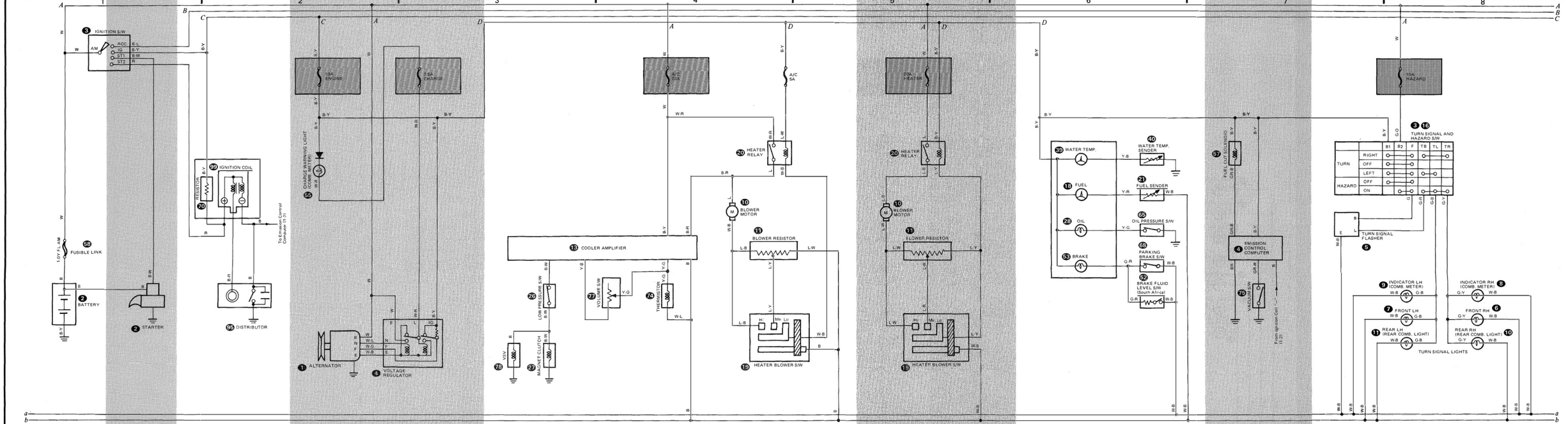
1988 Production Vehicles (Page 1 to Page 2)

SYSTEMS	LOCATION	SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	 1-4 (Indonesia) 1-5 (South Africa)		
Back-up Lights	 2-2		
Charging	 1-2		
Cigarette Lighter	 2-5		
Combination Meter	 1-6		
Emission Control	 1-7		
Front Wiper and Washer	 2-1		
Headlights	 2-3		
Horn	 2-4		
Ignition	 1-2		
Interior Lights	 2-5		
Power Source	 1-1		
Starting	 1-1		
Stop Lights	 2-4		
Taillights and Illumination	 2-2		
Turn Signal and Hazard	 1-8		

4

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88 C

Power Source | Starting | Ignition | Charging | Air Conditioner, Cooler and Heater (Indonesia) | Air Conditioner, Cooler and Heater (South Africa) | Combination Meter | Emission Control | Turn Signal and Hazard



Ground points

a = Located under right front fender
b = Located under left front fender

Points à terre

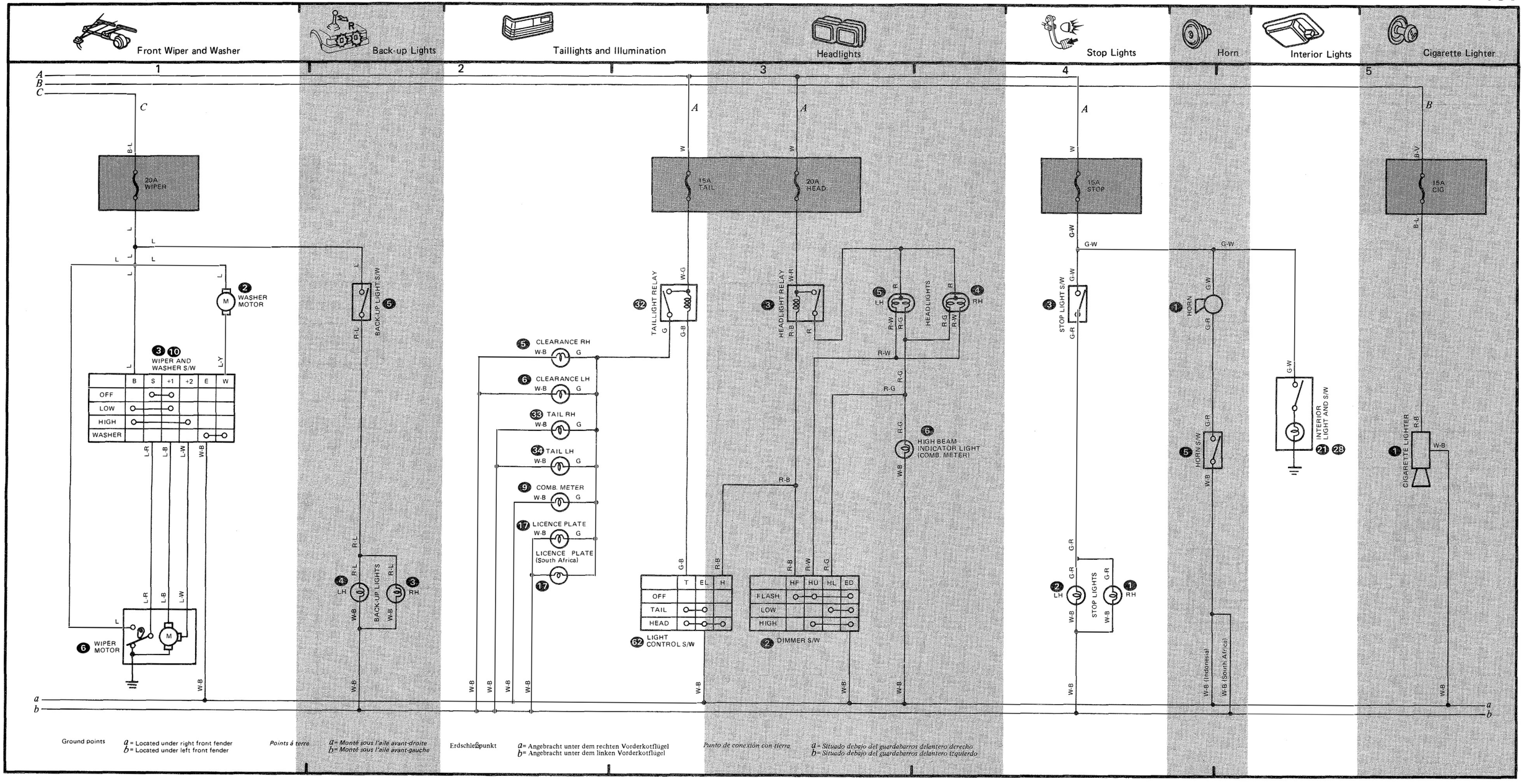
a = Monté sous l'aile avant-droite
b = Monté sous l'aile avant-gauche

Erdschlepunkt

a = Angebracht unter dem rechten Vorderkotflügel
b = Angebracht unter dem linken Vorderkotflügel

Punto de conexión con tierra

a = Situado debajo del guardabarros delantero derecho
b = Situado debajo del guardabarros delantero izquierdo



Ground points
a = Located under right front fender
b = Located under left front fender

Points á terre
a = Monté sous l'aile avant-droite
b = Monté sous l'aile avant-gauche

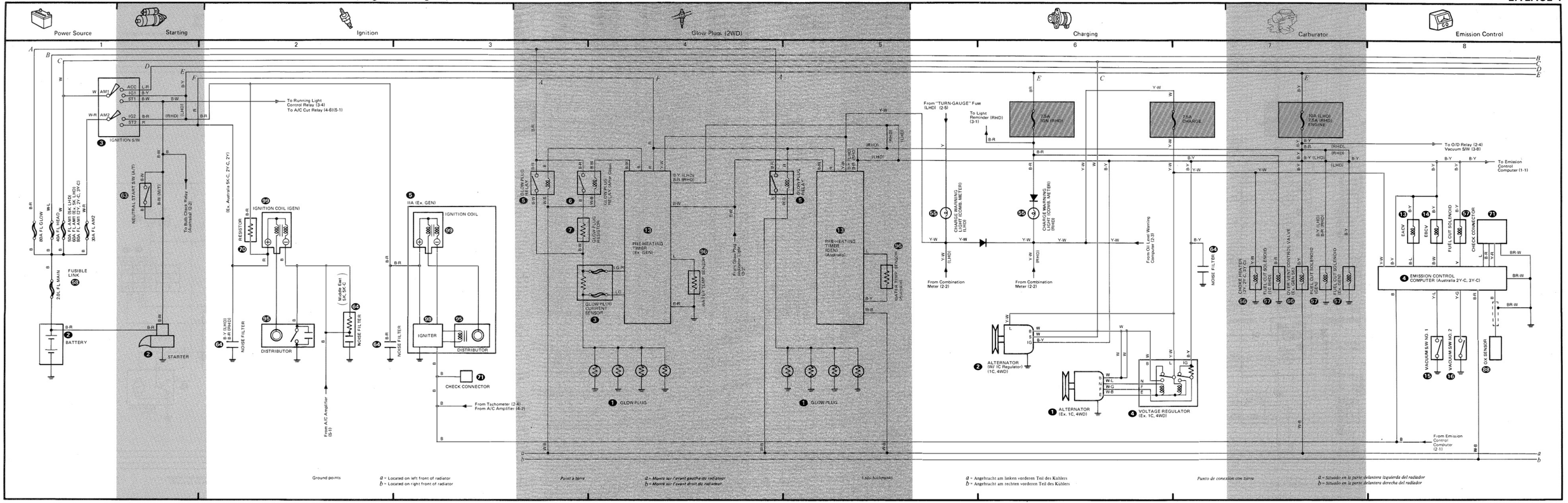
Erdschlußpunkt
a = Angebracht unter dem rechten Vorderkotflügel
b = Angebracht unter dem linken Vorderkotflügel

Punto de conexión con tierra
a = Situado debajo del guardabarros delantero derecho
b = Situado debajo del guardabarros delantero izquierdo

SYSTEM INDEX

LITEACE — 1988 Production Vehicles (Page 1 to Page 5)

SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	4-7, 5-2
Back-up Lights	2-4
Carburetor	1-7
Charging	1-6
Cigarette Lighter	4-2
Clock	4-1
Cool and Hot Box	4-5
Combination Meter	2-3
Door Locks	4-3 (2WD)
Emission Control	1-8, 2-1
Front Wiper and Washer	2-7
Fuel Heater	3-8 (2WD)
Glow Plugs	1-4 (2WD)
Headlight Cleaner	2-8 (2WD)
Headlights	3-5 5-5 (U.K.)
Horn	2-6
Ignition	1-2
Interior Lights	4-1
Light Reminder	3-1
Overdrive	2-4 (2WD)
Power Source	1-1
Radiator Fan and Condenser Fan	4-3
Radio and Tape Player	4-2
Rear Fog Lights	3-7 (U.K. & Belgium) 5-4 (U.K.)
Rear Window Defogger	3-8
Rear Wiper and Washer	2-8
Starting	1-1
Stop Lights	3-7
Taillights and Illumination	3-1 (Ex. W. Germany) 3-2 (W. Germany)
Turn Signal and Hazard	2-5


Power Source
Starting
Ignition
Glow Plugs (2WD)
Charging
Carburator
Emission Control
1
2
3
4
5
6
7
8
IGNITION S/W
BATTERY
STARTER
FUSIBLE LINK
NEUTRAL START S/W (A/T)
To Running Light Control Relay (3-4)
To A/C Cut Relay (4-6)(5-1)
To Bulb Check Relay (Australia) (2-2)
(Ex. Australia 5K-C, 2Y-C, 2Y)
IGNITION COIL (GEN)
RESISTOR
DISTRIBUTOR
NOISE FILTER
Middle East 5K, 5K-C
From A/C Amplifier (5-1)
1HA (Ex. GEN)
IGNITER
CHECK CONNECTOR
From Tachometer (2-4)
From A/C Amplifier (4-7)
GLOW PLUG RELAY
GLOW PLUG CURRENT SENSOR
PRE-HEATING TIMER (Ex. GEN)
PRE-HEATING TIMER (GEN) (Australia)
WATER TEMP. SENSOR
GLOW PLUG
From "TURN-GAUGE" Fuse (LHD) (2-5)
To Light Reminder (RHD) (3-1)
7.5A IGN (RHD)
7.5A CHARGE
CHARGE WARNING LIGHT (LHD)
CHARGE WARNING LIGHT (RHD)
From Combination Meter (2-2)
From Oil Level Warning Computer (2-3)
NOISE FILTER
ALTERNATOR (W/ IC Regulator) (1C, 4WD)
ALTERNATOR (Ex. 1C, 4WD)
VOLTAGE REGULATOR (Ex. 1C, 4WD)
10A (LHD) 7.5A (RHD) ENGINE
To O/D Relay (2-4) Vacuum S/W (3-8)
To Emission Control Computer (1-1)
CHOKE HEATER
CHOKE OPEN SOLENOID
EGCV
EECV
FUEL CUT SOLENOID
CHECK CONNECTOR
EMISSION CONTROL COMPUTER (Australia 2Y-C, 3Y-C)
VACUUM S/W NO. 1
VACUUM S/W NO. 2
O2 SENSOR
From Emission Control Computer (2-1)
Ground points
a = Located on left front of radiator
b = Located on right front of radiator
Point à terre
a = Monté sur l'avant gauche du radiateur
b = Monté sur l'avant droit du radiateur
Lado izquierdo
a = Angebracht am linken vorderen Teil des Kühlers
b = Angebracht am rechten vorderen Teil des Kühlers
Punto de conexión con tierra
a = Situado en la parte delantera izquierda del radiador
b = Situado en la parte delantera derecha del radiador

1 Emission Control

2 Combination Meter

3 Back-up Lights

4 Overdrive (2WD)

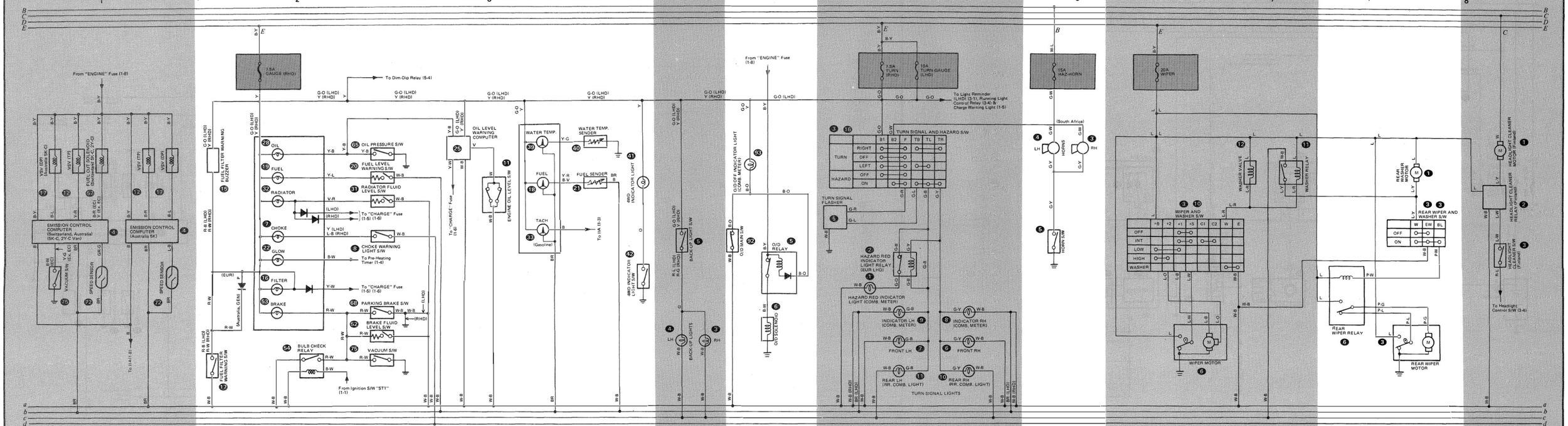
5 Turn Signal and Hazard

6 Horn

7 Front Wiper and Washer

8 Rear Wiper and Washer

Headlight Cleaner (2WD)



Ground points

a = Located on left front of radiator
b = Located on right front of radiator

c = Located on left of rear crossmember
d = Located on right side of instrument panel

Point à terre

a = Monté sur l'avant gauche du radiateur
b = Monté sur l'avant droit du radiateur

c = Monté sur la gauche de la traverse arrière
d = Monté sur le côté droit du tableau de bord

Endschlußpunkt

a = Angebracht am linken vorderen Teil des Kühlers
b = Angebracht am rechten vorderen Teil des Kühlers

c = Angebracht am linken Teil des hinteren Querträgers
d = Angebracht an der rechten Seite des instrumententableaus

Punto de conexión con tierra

a = Situado en la parte delantera izquierda del radiador
b = Situado en la parte delantera derecha del radiador

c = Situado a la izquierda del travesaño trasero
d = Situado en el lado izquierdo del panel instrumental

Light Reminder

Taillights and Illumination (Ex. W. Germany)

Taillights and Illumination (W. Germany)

Headlights

Rear Fog Lights (U.K. & Belgium)

Stop Lights

Rear Window Defogger

Fuel Heater (2WD)

1 2 3 4 5 6 7 8

B C D E

From "CIG" Fuse (4-2)

LIGHT REMINDER RELAY

To Door Courtesy SW (Driver) (4-1)

From "TURN-GAUGE" Fuse (LHD) (3-1)

From "IGN" Fuse (RHD) (1-6)

10A TAIL

To Rear Fog Light Relay (3-7)(5-4)

To Clock (Digital) (4-2)

To Short Connector (3-7)

4 CIGARETTE LIGHTER

HEATER CONTROL 15

CLEARANCE RH 5

CLEARANCE LH 6

DEFOGGER S/W 12

REAR FOG S/W 38

TAIL RH 33

TAIL LH 34

HAZARD S/W (ECU IN RHD) 41

COMB. METER 9

LICENCE PLATE RH 18

LICENCE PLATE LH 19

RHEOSTAT (Australia) 111

G-W (Australia) W-B (Ex. Australia)

10A TAIL RH

10A TAIL LH

W-G (W. Germany)

(Ex. W. Germany) R-G (W. Germany)

HEATER CONTROL 15

COMB. METER 9

LICENCE PLATE RH 18

LICENCE PLATE LH 19

CLEARANCE RH 5

TAIL RH 33

CLEARANCE LH 6

TAIL LH 34

TAILLIGHT RELAY 32

From Headlight Cleaner S/W (2-8)

From "TURN-GAUGE" Fuse (2-5)

From Dim-Dip Relay (5-6)

From Dim-Dip Relay (5-6)

RUNNING LIGHT CONTROL RELAY (Norway) 8

RUNNING LIGHT RELAY (Norway) 9

HIGH CUT RELAY (Norway) 7

To Rear Fog Light Relay (3-7)

From Ignition S/W "ACC" (1-12)

LIGHT CONTROL S/W 62

T HL H OFF TAIL HEAD

DIMMER S/W 2

FLASH LOW HIGH

HF HU ED HL

10A HEAD LH

10A HEAD RH

HEADLIGHT LH 5

HEADLIGHT RH 4

HEADLIGHT RELAY 2

DIMMER RELAY (W. Germany) 1

HIGH BEAM INDICATOR LIGHT (COMB. METER) 6

10A HEAD LH-UPR

10A HEAD RH-UPR

10A HEAD LH-LWR

10A HEAD RH-LWR

HEADLIGHT LH 5

HEADLIGHT RH 4

HIGH BEAM INDICATOR LIGHT (COMB. METER) 6

From Headlight RH "Hi" (3-6)

From "TAIL" Fuse (3-1)

From "TAIL" Fuse (3-2)

REAR FOG LIGHT RELAY 3

REAR FOG LIGHT S/W (LHD) 6

REAR FOG LIGHT S/W (RHD) 6

REAR FOG LIGHT 2

REAR FOG INDICATOR LIGHT (COMB. METER) 7

SHORT CONNECTOR 7

10A STOP

STOP LIGHT S/W 2

STOP LIGHTS 2

10A DEFOG

DEFOGGER S/W 1

REAR WINDOW DEFOGGER 2

From "ENGINE" Fuse (1-8)

VACUUM SW 7

FUEL HEATER RELAY 2

FUEL HEATER 1

a b c d

Ground points

a = Located on left front of radiator
b = Located on right front of radiator

c = Located on left of rear crossmember
d = Located on right side of instrument panel

Point à terre

a = Monté sur l'avant gauche du radiateur
b = Monté sur l'avant droit du radiateur

c = Monté sur la gauche de la traverse arrière
d = Monté sur le côté droit du tableau de bord

Erdschlußpunkt

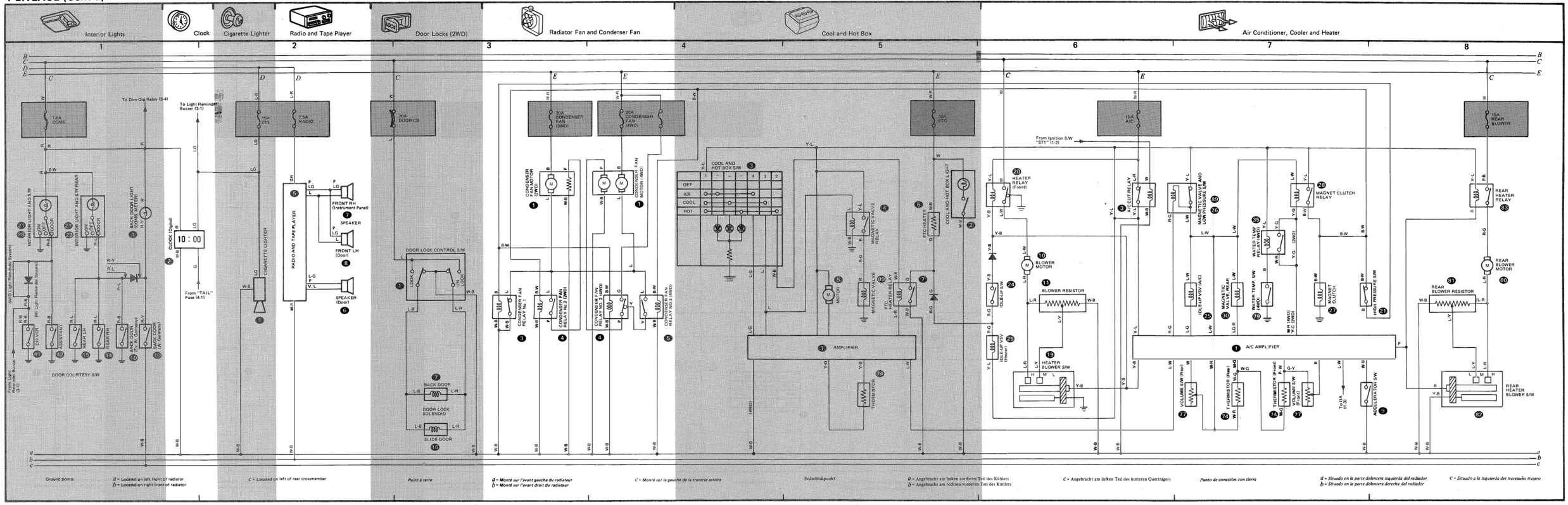
a = Angebracht am linken vorderen Teil des Kühlers
b = Angebracht am rechten vorderen Teil des Kühlers

c = Angebracht am linken Teil des hinteren Querträgers
d = Angebracht an der richten Seite des instrumentenbretts

Puntos de conexión con tierra

a = Situado en la parte delantera izquierda del radiador
b = Situado en la parte delantera derecha del radiador

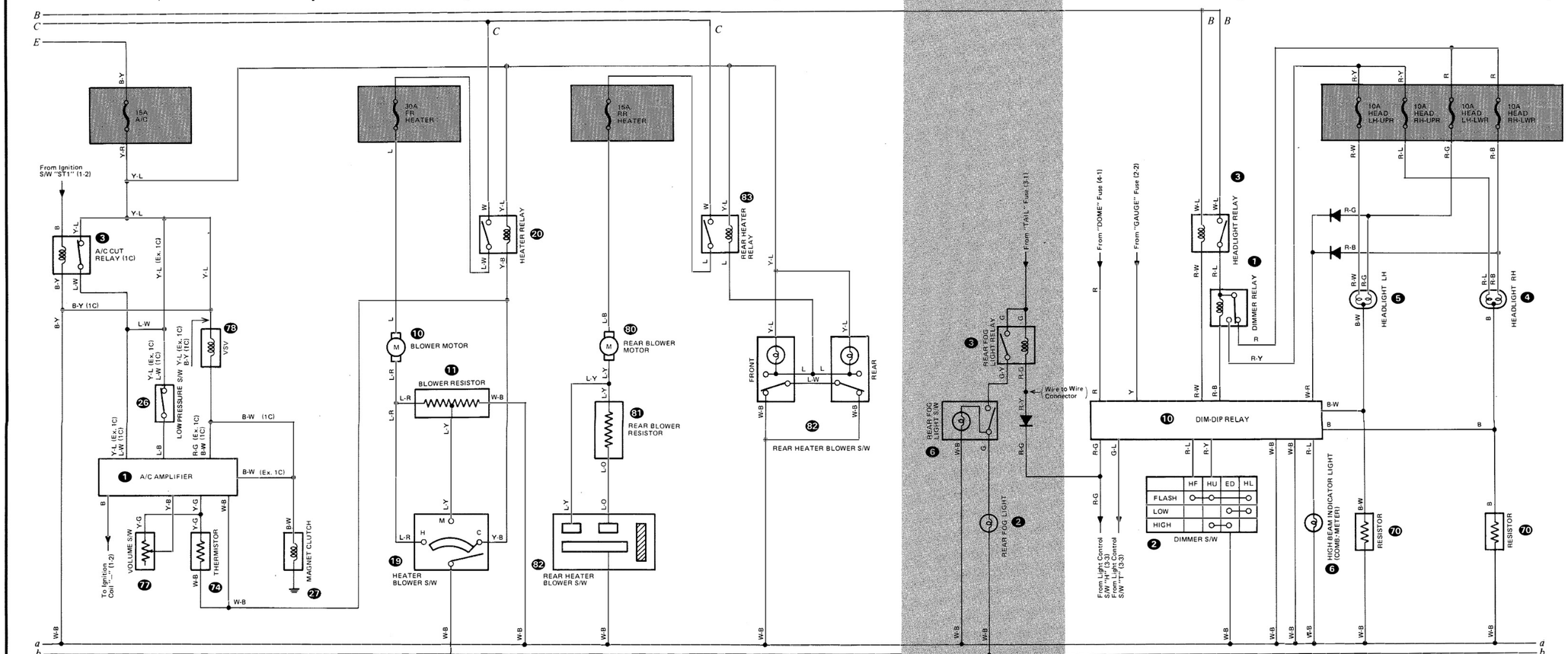
c = Situado a la izquierda del travesaño trasero
d = Situado en el lado izquierdo del panel instrumental


Interior Lights
Clock
Cigarette Lighter
Radio and Tape Player
Door Locks (2WD)
Radiator Fan and Condenser Fan
Cool and Hot Box
Air Conditioner, Cooler and Heater
1
2
3
4
5
6
7
8
15A DOME
7.5A CIG
7.5A RADIO
20A DOOR CB
20A CONDENSER FAN (2WD)
20A CONDENSER FAN (4WD)
20A PTC
15A A/C
15A REAR BLOWER
To Dim-Dip Relay (5-4)
To Light Reminder Buzzer (3-11)
From "TAIL" Fuse (4-1)
From Ignition S/W "ST1" (1-2)
INTERIOR LIGHT AND S/W
BACK DOOR LIGHT (COMB. METER)
CLOCK (Digital)
CIGARETTE LIGHTER
RADIO AND TAPE PLAYER
FRONT RH (Instrument Panel) SPEAKER
FRONT LH (Door) SPEAKER
SPEAKER (Door)
DOOR LOCK CONTROL S/W
BACK DOOR
DOOR LOCK SOLENOID
SLIDE DOOR
CONDENSER FAN MOTOR (2WD)
CONDENSER FAN MOTOR (4WD)
CONDENSER FAN RELAY No.1
CONDENSER FAN RELAY No.2 (2WD)
CONDENSER FAN RELAY No.2 (4WD)
CONDENSER FAN RELAY No.3 (4WD)
COOL AND HOT BOX S/W
OFF
ICE
COOL
HOT
MAGNETIC VALVE (A/C)
MOTOR
PTC HEATER RELAY
PTC MAGNETIC VALVE
AMPLIFIER
THERMISTOR
COOL AND HOT BOX LIGHT
HEATER RELAY (Front)
A/C CUT RELAY
BLOWER MOTOR
BLOWER RESISTOR
HEATER BLOWER S/W
IDLE-UP S/W
IDLE-UP VSV (A/C)
IDLE-UP VSV (Heater)
A/C AMPLIFIER
MAGNETIC CLUTCH AND LOW PRESSURE S/W
MAGNET CLUTCH
HIGH PRESSURE S/W
MAGNETIC VALVE REAR
WATER TEMP. S/W
WATER TEMP. S/W (2WD)
MAGNET CLUTCH RELAY
VOLUME S/W (Rear)
THERMISTOR (Rear)
THERMISTOR (Front)
VOLUME S/W (Front)
ACCELERATOR S/W
REAR HEATER RELAY
REAR BLOWER MOTOR
REAR BLOWER RESISTOR
REAR HEATER BLOWER S/W
DOOR COURTESY S/W
DRIVER
ASSIST (FAT)
REAR LH
REAR RH
BACK DOOR (Sliding)
BACK DOOR (Swing)
(W/O Light Reminder System)
(W/ Light Reminder System)
From Light Reminder Buzzer (3-11)
Ground points
a = Located on left front of radiator
b = Located on right front of radiator
c = Located on left of rear crossmember
Point à terre
a = Monté sur l'avant gaucha du radiateur
b = Monté sur l'avant droit du radiateur
c = Monté sur la gauche de la traverse arrière
Erdschlußpunkt
a = Angebracht am linken vorderen Teil des Kühlers
b = Angebracht am rechten vorderen Teil des Kühlers
c = Angebracht am linken Teil des hinteren Querträgers
Punto de conexión con tierra
a = Situado en la parte delantera izquierda del radiador
b = Situado en la parte delantera derecha del radiador
c = Situado a la izquierda del travesaño trasero

Air Conditioner, Cooler and Heater

Rear Fog Lights (U.K.)

Headlights (U.K.)



Ground points
a = Located on left front of radiator
b = Located on right front of radiator
d = Located on right side of instrument panel

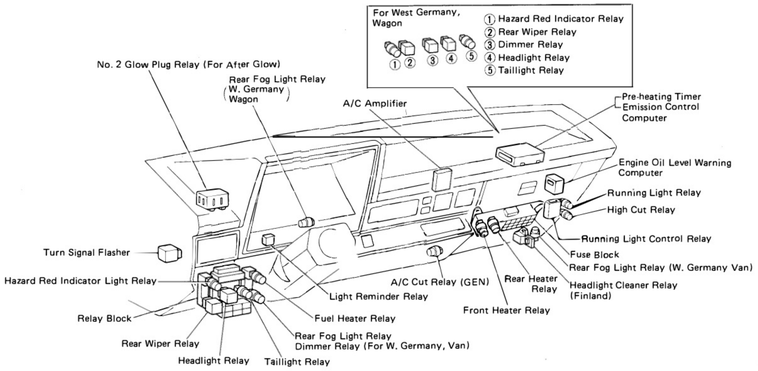
Point à terre
a = Monté sur l'avant gaucha du radiateur
b = Monté sur l'avant droit du radiateur
d = Monté sur le côte droit du tableau de bord

Erdschlußpunkt
a = Angebracht am linken vorderen Teil des Kühlers
b = Angebracht am rechten vorderen Teil des Kühlers
d = Angebracht an der richten Seite des instrumentenbretts

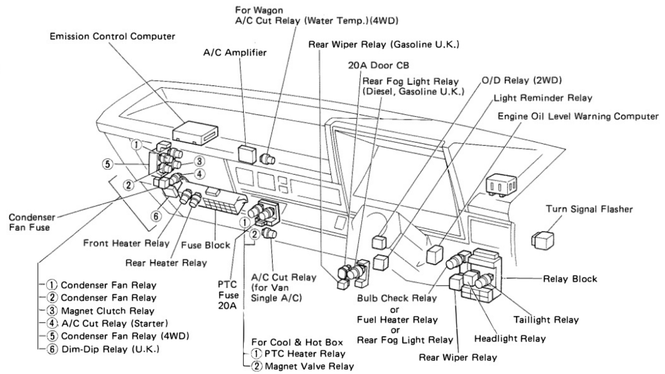
Punto de conexion con tierra
a = Situado en la parte delantera izquierda del radiador
b = Situado en la parte delantera derecha del radiador
d = Situado en el lado izquierdo del panel instrumental

LITEACE RELAY LOCATIONS

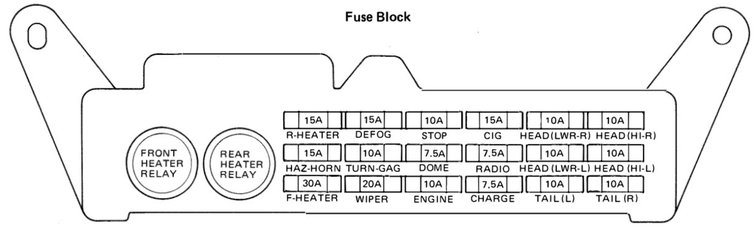
[LHD]



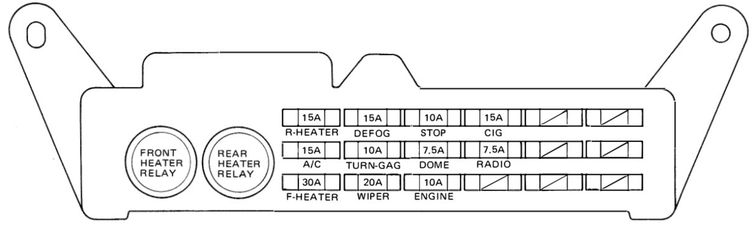
[RHD]



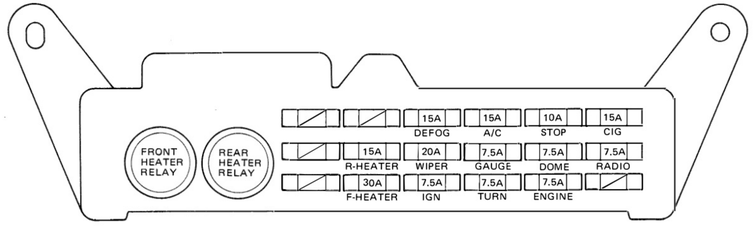
[LHD] (W. Germany W/G)

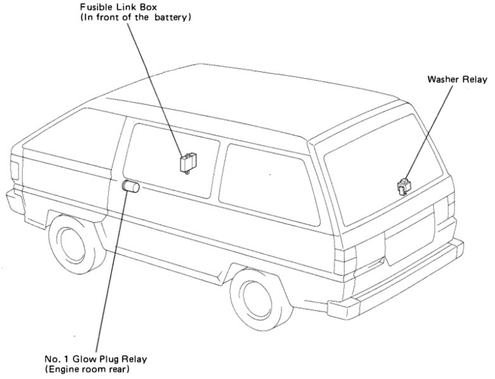


[LHD] (Ex. W. Germany W/G)

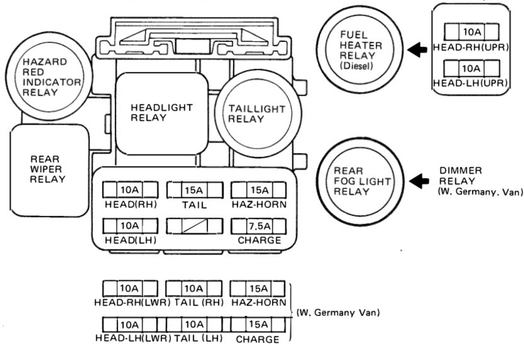


[RHD]

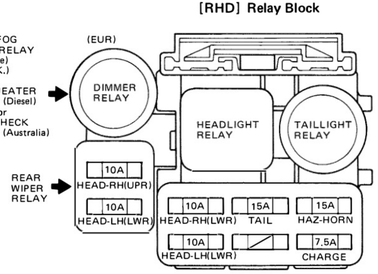




[LHD] Relay Block



[RHD] Relay Block



SYSTEM INDEX

MODEL-F/TARAGO

1988 Production Vehicles (Page 1 to Page 11)

SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	2-7 (2WD) (RHD) 3-2 (2WD) (LHD) 9-5 (4WD)
Back-up Lights	4-3 (2WD) 8-8 (4WD)
Charging	2-1 (2WD) 8-6 (4WD)
Cigarette Lighter	6-5 (2WD) 10-8 (4WD)
Clock	6-5 (2WD) 11-2 (4WD)
Combination Meter	3-7 (2WD) 8-7 (4WD)
Cruise Control	4-6 (2WD)
Door Locks	4-5 (2WD) 8-3 (4WD)
Emission Control	2-3 (2WD)
Front Wiper and Washer	6-2 (2WD) 10-4 (4WD)
Glow Plugs	1-3 (2WD)
Headlight Cleaner	6-2 (2WD)
Headlights	5-5 (2WD) (Ex. EUR LHD) 5-8 (2WD) (EUR LHD) 7-3 (2WD) (U.K.) 10-7(4WD)
Horn	5-2 (2WD) 10-3 (4WD)
Ignition	1-8 (2WD)
Interior Lights	6-4 (2WD) 11-1 (4WD)
Light Reminder	6-3 (2WD) 11-4 (4WD)
Overdrive	4-2 (2WD) 9-1 (4WD)
Power Source	1-1 (2WD) 8-1 (4WD)
Power Windows	4-4 (2WD) 9-2 (4WD)
Radiator Fan and Condenser Fan	7-7 (2WD) 9-8 (4WD)
Radio and Tape Player	6-7 (2WD) 11-3 (4WD)
Rear Air Conditioner	3-4 (2WD) (LHD)
Rear Fog Lights	5-2 (2WD) 7-1 (2WD) (U.K.) 10-8 (4WD)
Rear Window Defogger	4-8 (2WD) 10-1 (4WD)
Rear Wiper and Washer	6-1 (2WD) 10-3 (4WD)
Seat Heaters	2-4 (2WD)
Starting	1-2 (2WD) 8-1 (4WD)
Stop Lights	4-7 (2WD) 10-1 (4WD)
Sun Roof	4-3 (2WD)
Taillights and Illumination	5-3 (2WD) (Ex. EUR LHD) 5-6 (2WD) (EUR LHD) 10-5 (4WD)
TCCS	1-5 (2WD) (RHD) 7-5 (2WD) (LHD) 8-3 (4WD)
Turn Signal and Hazard	5-1 (2WD) 10-2 (4WD)

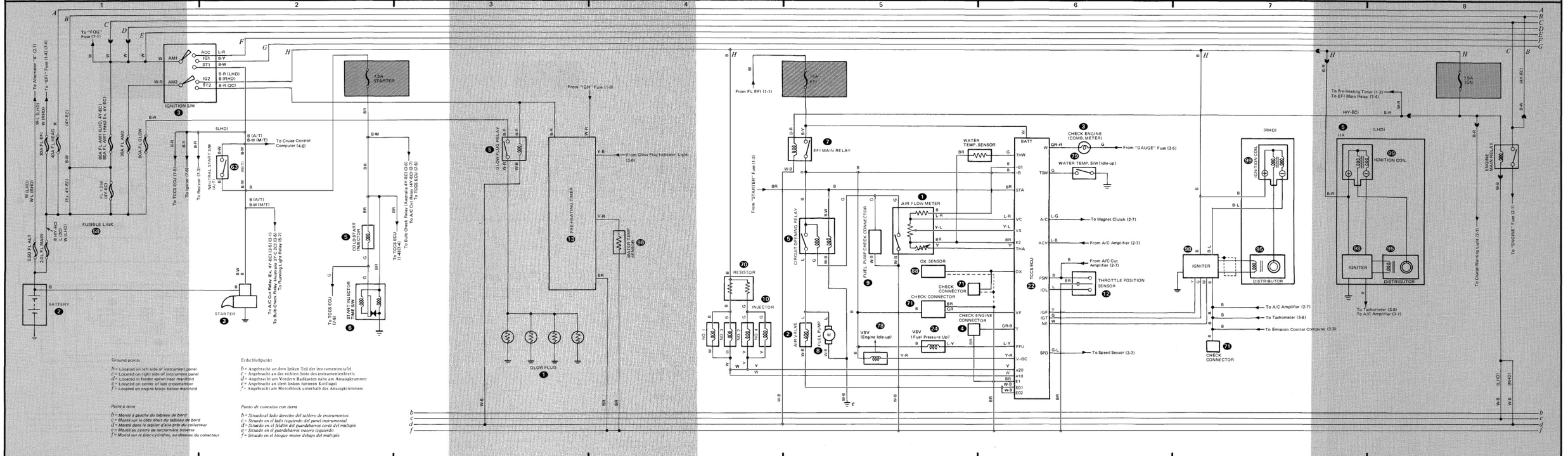
Power Source (2WD)

Starting (2WD)

Glow Plugs (2WD)

TCCS (2WD)(RHD)

Ignition (2WD)



Ground points

b = Located on left side of instrument panel
c = Located on right side of instrument panel
d = Located in fender apron near manifold
e = Located on center of last crossmember
f = Located on engine block below manifold

Erdschlußpunkt

b = Angebracht an dem linken Teil der instrumententafel
c = Angebracht an der rechten Seite des instrumentenbretts
d = Angebracht am Vordern Radkasten nahe am Ansaugkrummer
e = Angebracht an dem linken hinteren Kotflugel
f = Angebracht am Motorblock unterhalb des Ansaugkrümmers

Point à terre

b = Monté à gauche du tableau de bord
c = Monté sur le côte droit du tableau de bord
d = Monté dans le tablier d'aile près du collecteur
e = Monté au centre de lantiernière traverse
f = Monté sur le bloc-cylindres, au-dessous du collecteur

Punto de conexión con tierra

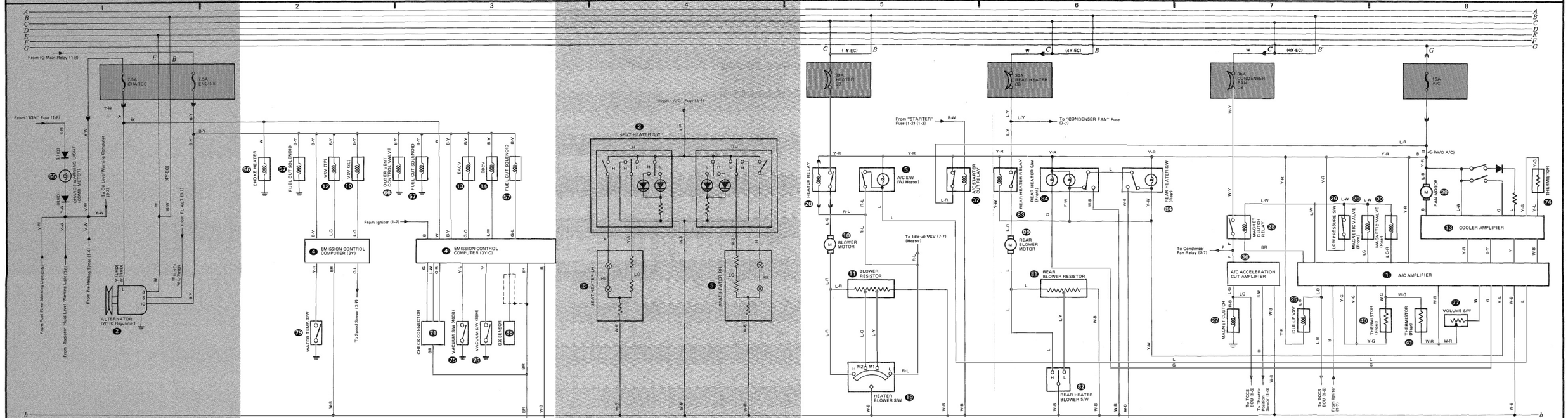
b = Situado al lado derecho del tablero de instrumentos
c = Situado en el lado izquierdo del panel instrumental
d = Situado en el faldón del guardabarros cerca del múltiple
e = Situado en el guardabarros trasero izquierdo
f = Situado en el bloque motor debajo del múltiple

Charging (2WD)

Emission Control (2WD)

Seat Heaters (2WD) (LHD)

Air Conditioner, Cooler and Heater (2WD) (RHD)



Ground points
b = Located on left side of instrument panel
c = Located on right side of instrument panel
d = Located in fender apron near manifold
f = Located on engine block below manifold

Point à terre
b = Monté à gauche du tableau de bord
c = Monté sur le côté droit du tableau de bord
d = Monté dans le tablier d'aile près du collecteur
f = Monté sur le bloc-cylindres, au-dessous du collecteur

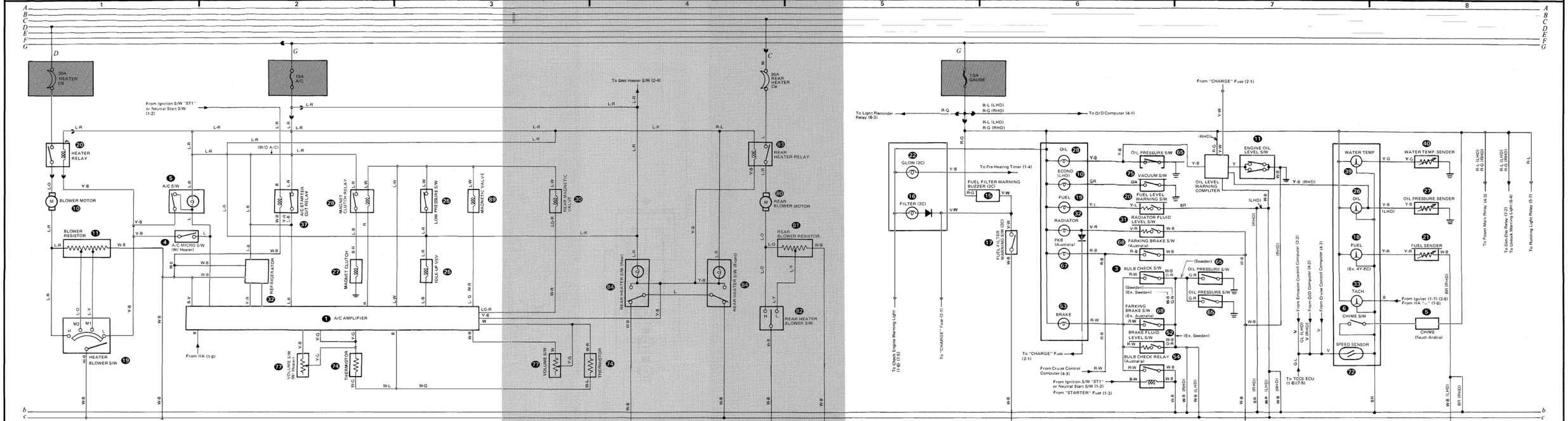
Erdschlußpunkt
b = Angebracht an der linken Seite der Instrumentiertafel
c = Angebracht an der rechten Seite der Instrumentiertafels
d = Angebracht am Vordern Radkasten nahe am Ansaugkrummer
f = Angebracht am Motorblock unterhalb des Ansaugkrümmers

Punto de conexión con tierra
b = Situado al lado derecho del tablero de instrumentos
c = Situado en el lado izquierdo del panel instrumental
d = Situado en el faldón del guardabarros cerca del múltiple
f = Situado en el bloque motor debajo del múltiple

Air Conditioner, Cooler and Heater (2WD) (LHD)

Rear Air Conditioner (2WD) (LHD)

Combination Meter (2WD)



Ground points

b = Located on left side of instrument panel
c = Located on right side of instrument panel
d = Located in fender apron near manifold

Point à terre

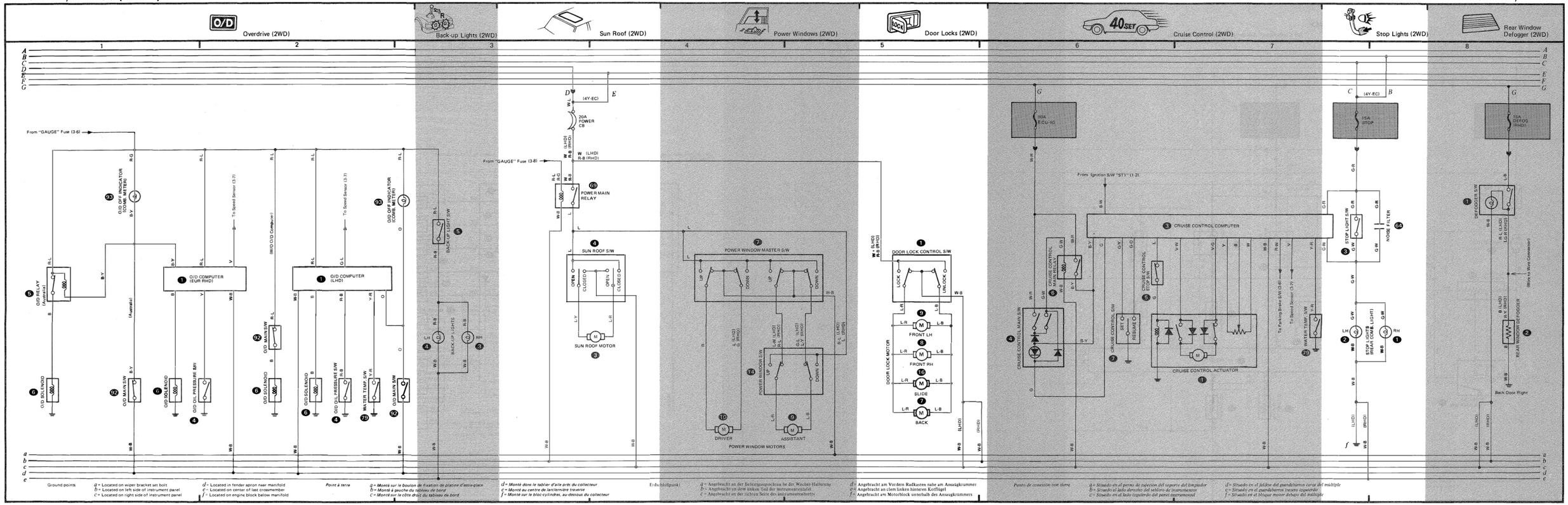
b = Monté à gauche du tableau de bord
c = Monté sur le côte droit du tableau de bord
d = Monté dans le tablier d'aile près du collecteur

Erdschlußpunkt

b = Angebracht an dem linken Teil der instrumententafel
c = Angebracht an der richten Seite des instrumentenbretts
d = Angebracht am Vordern Radkasten nahe am Ansaugkrummer

Punto de conexión con tierra

b = Situado al lado derecho del tablero de instrumentos
c = Situado en el lado izquierdo del panel instrumentel
d = Situado en el faldón del guardabarros cerca del múltiple


O/D
Overdrive (2WD)
Back-up Lights (2WD)
Sun Roof (2WD)
Power Windows (2WD)
Door Locks (2WD)
40SET
Cruise Control (2WD)
Stop Lights (2WD)
Rear Window Defogger (2WD)
1
2
3
4
5
6
7
8
A
B
C
D
E
F
G
a
b
c
d
e
From "GAUGE" Fuse (3-6)
From "GAUGE" Fuse (3-8)
From Ignition S/W "ST1" (1-2)
(4Y-EC)
20A POWER CB
10A ECU-IG
15A STOP
15A DEFOG (RHD)
O/D RELAY (Australia)
O/D MAIN S/W
O/D SOLENOID
O/D OIL PRESSURE S/W
O/D COMPUTER (EUR RHD)
O/D COMPUTER (LHD)
O/D OFF INDICATOR (COMB. METER)
To Speed Sensor (3-7)
(W/O O/D Computer)
BACK-UP LIGHT S/W
BACK-UP LIGHTS
POWER MAIN RELAY
SUN ROOF S/W
OPEN
CLOSE
SUN ROOF MOTOR
POWER WINDOW MASTER S/W
POWER WINDOW S/W
POWER WINDOW MOTORS
DRIVER
ASSISTANT
DOOR LOCK CONTROL S/W
DOOR LOCK MOTOR
FRONT LH
FRONT RH
SLIDE
BACK
LOCK
UNLOCK
CRUISE CONTROL COMPUTER
CRUISE CONTROL MAIN RELAY
CRUISE CONTROL MAIN S/W
CRUISE CONTROL S/W
CRUISE CONTROL ACTUATOR
To Parking Brake S/W (3-6)
To Speed Sensor (3-7)
WATER TEMP. S/W
STOP LIGHT S/W
HORN RELAY
STOP LIGHTS (REAR COMB. LIGHT)
DEFOGGER S/W
REAR WINDOW DEFOGGER
(Wire to Wire Connector)
Back Door Right
Ground points
a = Located on wiper bracket set bolt
b = Located on left side of instrument panel
c = Located on right side of instrument panel
d = Located in fender apron near manifold
e = Located on center of rear crossmember
f = Located on engine block below manifold
Point à terre
a = Monté sur le boulon de fixation de platine d'essuie-glace
b = Monté à gauche du tableau de bord
c = Monté sur le côté droit du tableau de bord
d = Monté dans le tablier d'aile près du collecteur
e = Monté au centre de la traverse arrière
f = Monté sur le bloc cylindres, au-dessus du collecteur
Erdschlußpunkt
a = Angebracht an der Befestigungsschraube der Wischer-Halterung
b = Angebracht an dem linken Teil der Instrumententafel
c = Angebracht an der rechten Seite des Instrumententrägers
d = Angebracht am Vordere Radkasten nahe am Ansaugkrummer
e = Angebracht an dem linken hinteren Kotflügel
f = Angebracht am Motorblock unterhalb des Ansaugkrümmers
Puntos de conexión con tierra
a = Situado en el perno de sujecion del soporte del limpiador
b = Situado al lado derecho del tablero de instrumentos
c = Situado en el lado izquierdo del panel instrumental
d = Situado en el faldón del guardalluvias cerca del múltiple
e = Situado en el guardalluvias trasero izquierdo
f = Situado en el bloque motor debajo del múltiple

Turn Signal and Hazard (2WD)

Horn (2WD)

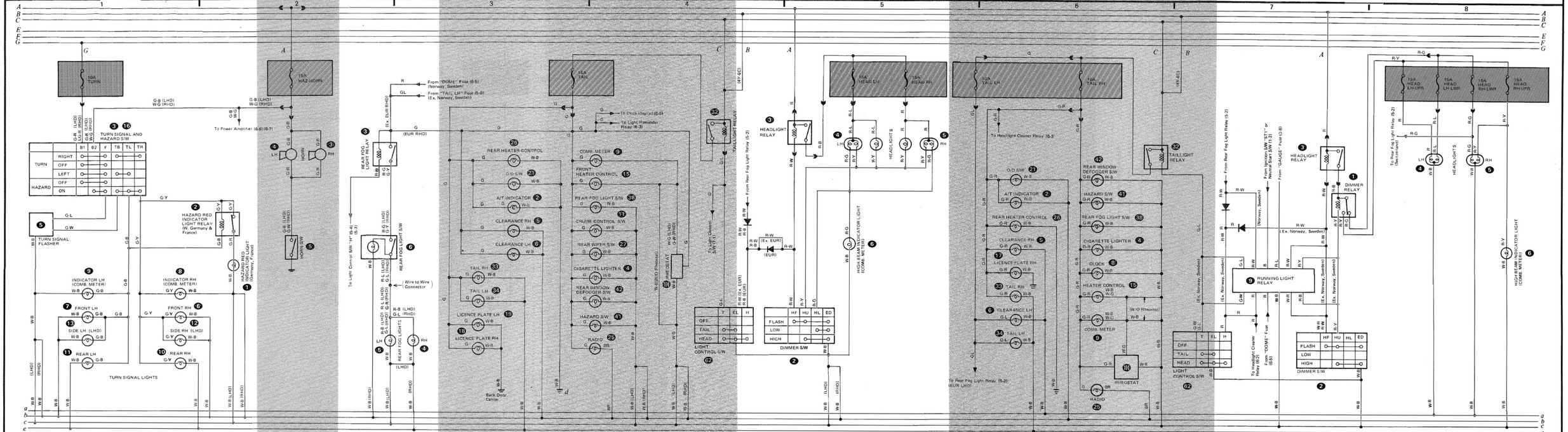
Rear Fog Lights (2WD)

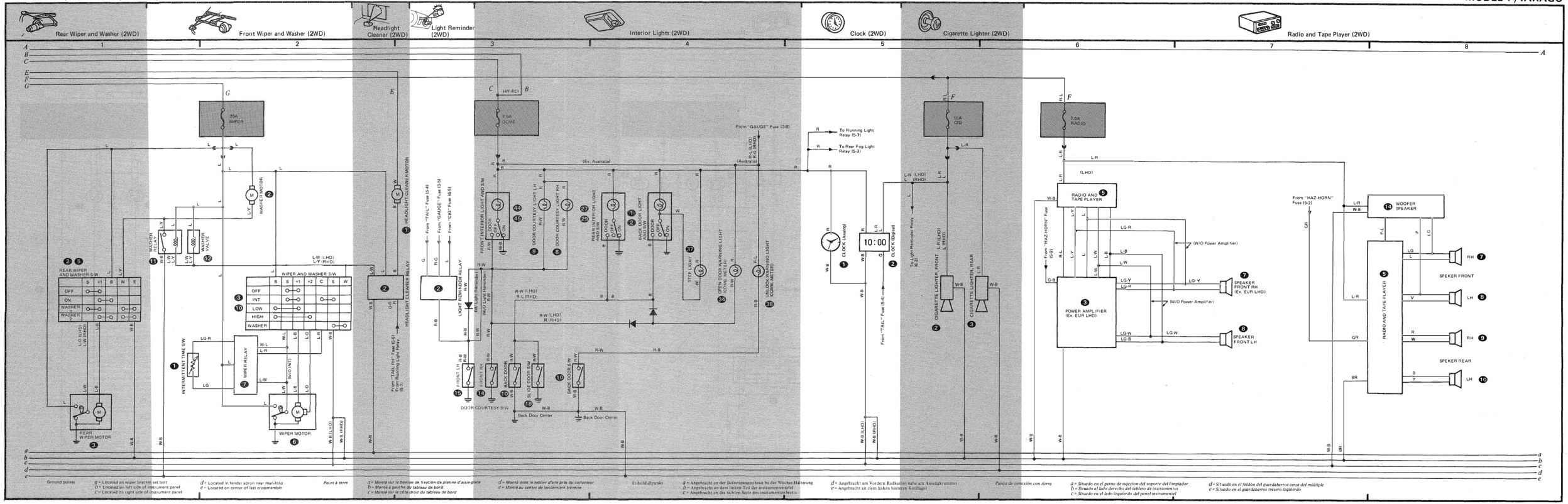
Taillights and Illumination (2WD) (Switzerland) (Ex. EUR LHD, U.K.)

Headlights (2WD) (Ex. EUR LHD)

Taillights and Illumination (2WD) (EUR LHD)

Headlights (2WD) (EUR LHD)



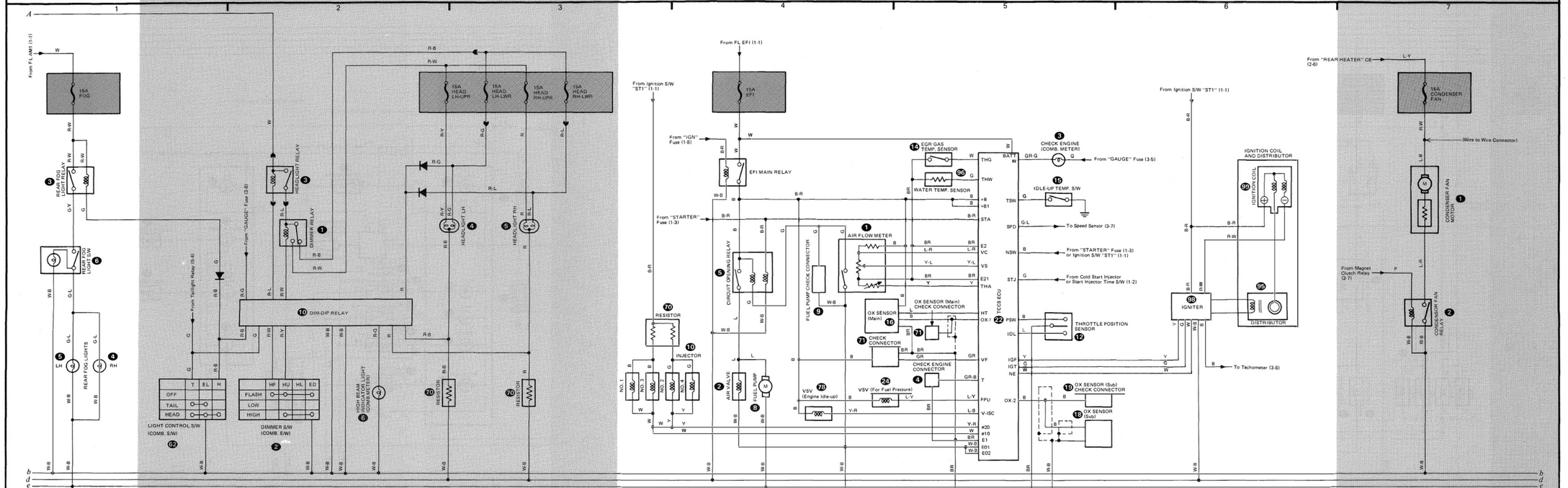

Rear Wiper and Washer (2WD)
Front Wiper and Washer (2WD)
Headlight Cleaner (2WD)
Light Reminder (2WD)
Interior Lights (2WD)
Clock (2WD)
Cigarette Lighter (2WD)
Radio and Tape Player (2WD)
20A WIPER
7.5A DOME
15A CIG
7.5A RADIO
REAR WIPER AND WASHER S/W
WIPER AND WASHER S/W
WASHER RELAY
WASHER MOTOR
WASHER VALVE
REAR WIPER MOTOR
WIPER MOTOR
INTERMITTENT TIME S/W
WIPER RELAY
HEADLIGHT CLEANER MOTOR
HEADLIGHT CLEANER RELAY
LIGHT REMINDER RELAY
FROM INTERIOR LIGHT AND S/W
DOOR COURTESY LIGHT LH
DOOR COURTESY LIGHT RH
REAR INTERIOR LIGHT ASSY
BACK DOOR LIGHT ASSY
3TH LIGHT
OPEN DOOR WARNING LIGHT (COMB. METER)
UNLOCK WARNING LIGHT (COMB. METER)
DOOR COURTESY S/W
FRONT LH
FRONT RH
BACK DOOR
SLIDE DOOR S/W
BACK DOOR S/W
Back Door Center
CLOCK (Analog)
CLOCK (Digital)
10:00
To Running Light Relay (5-7)
To Rear Fog Light Relay (5-3)
From "GAUGE" Fuse (3-8)
From "TAIL" Fuse (5-4)
From "GAUGE" Fuse (3-3)
From "CIG" Fuse (6-5)
From "TAIL-RH" Fuse (5-6) From Running Light Relay (5-7)
To Light Reminder Relay (5-2)
From "TAIL" Fuse (5-4)
CIGARETTE LIGHTER, FRONT
CIGARETTE LIGHTER, REAR
From "HAZ-HORN" Fuse (5-2)
RADIO AND TAPE PLAYER
POWER AMPLIFIER (Ex. EUR LHD)
(W/O Power Amplifier)
SPEAKER FRONT RH (Ex. EUR LHD)
SPEAKER FRONT LH
WOOFER SPEAKER
SPEKER FRONT
SPEKER REAR
(LHD)
(Ex. Australia)
(Australia)
(4Y-8C)
Ground points
a = Located on wiper bracket set bolt
b = Located on left side of instrument panel
c = Located on right side of instrument panel
d = Located in fender apron near manifold
e = Located on center of fast crossmember
Point à terre
a = Monté sur le boulon de fixation de plaque d'assise-glace
b = Monté à gauche du tableau de bord
c = Monté sur le côté droit du tableau de bord
d = Monté dans le tablier d'aile près du collecteur
e = Monté au centre de la traverse avant
Erdschlußpunkt
a = Angebracht an der Befestigungsschraube bei der Wischer-Halterung
b = Angebracht an dem linken Teil der instrumententafel
c = Angebracht an der rechten Seite des instrumentenbretts
d = Angebracht am Vordern Radkasten nahe am Ausstiqkrummer
e = Angebracht an clem linken hinteren Kotflugel
Punto de conexión con tierra
a = Situado en el perno de sujecion del soporte del limpiador
b = Situado al lado derecho del tablero de instrumentos
c = Situado en el lado izquierdo del panel instrumental
d = Situado en el faldón del guardabarros cerca del múltiple
e = Situado en el guardabarros trasero izquierdo

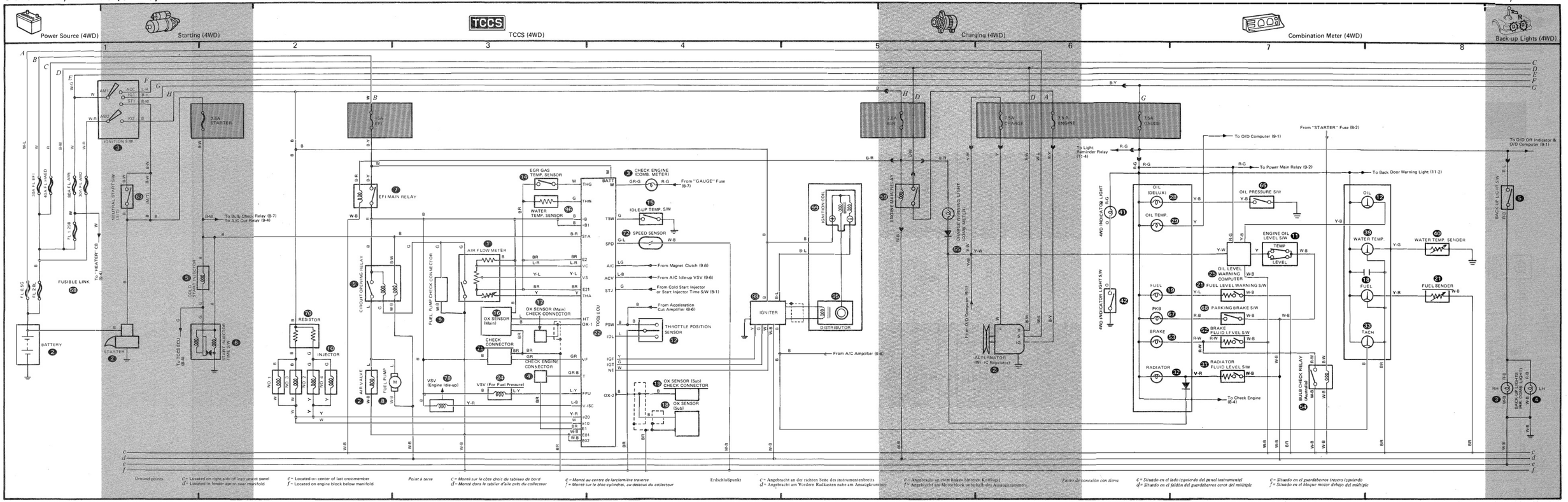
Rear Fog Lights (2WD) (U.K.)

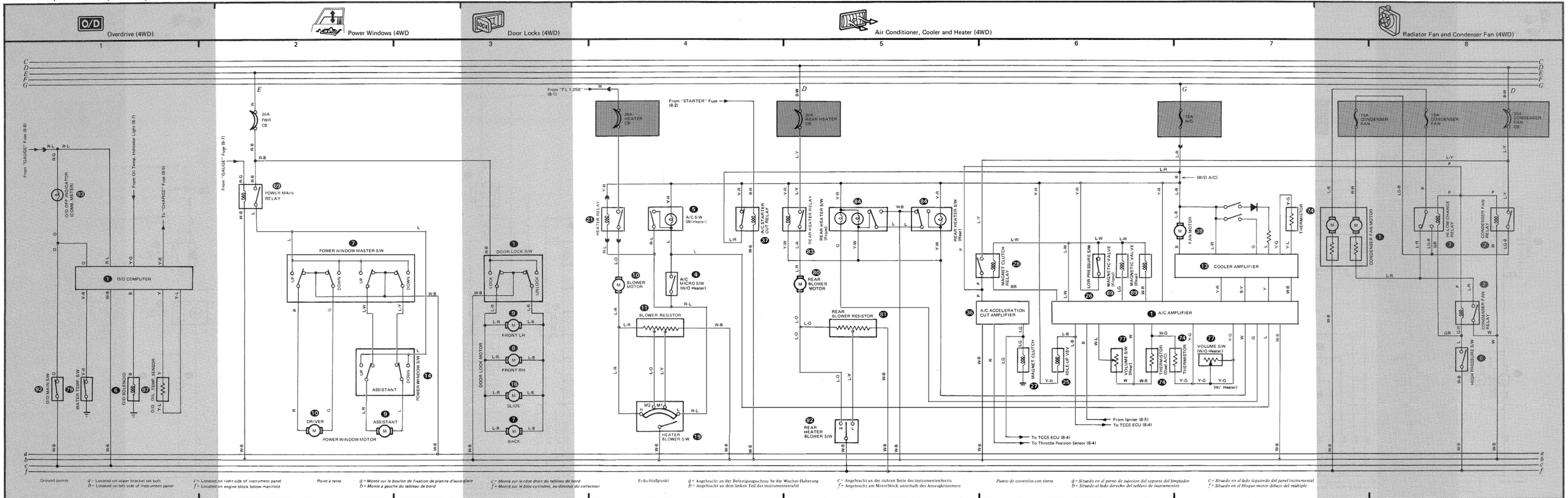
Headlights (2WD) (U.K.)

TCCS (2WD)(LHD)

Radiator Fan and Condenser Fan (2WD)




Power Source (4WD)
Starting (4WD)
TCCS
TCCS (4WD)
Charging (4WD)
Combination Meter (4WD)
Back-up Lights (4WD)
IGNITION S/W
STARTER
BATTERY
FUSIBLE LINK
EFI MAIN RELAY
CIRCUIT OPENING RELAY
AIR FLOW METER
THROTTLE POSITION SENSOR
IDLE-UP TEMP. S/W
SPEED SENSOR
EGR GAS TEMP. SENSOR
WATER TEMP. SENSOR
CHECK ENGINE (COMB. METER)
OX SENSOR (Main)
OX SENSOR (Sub)
CHECK CONNECTOR
CHECK ENGINE CONNECTOR
RESISTOR
INJECTOR
AIR VALVE
FUEL PUMP
VSV (Engine Idle-up)
VSV (For Fuel Pressure)
COLD START INJECTOR
START INJECTOR TIME S/W
IGNITER
DISTRIBUTOR
IGNITION COIL
ENGINE ROOM R/B
ALTERNATOR (W/ I.C. Regulator)
OIL (DELUXI)
OIL TEMP.
OIL PRESSURE S/W
ENGINE OIL LEVEL S/W
OIL LEVEL WARNING COMPUTER
FUEL LEVEL WARNING S/W
PARKING BRAKE S/W
BRAKE FLUID LEVEL S/W
RADIATOR FLUID LEVEL S/W
FUEL
PKB
BRAKE
RADIATOR
OIL
WATER TEMP.
TACH
WATER TEMP. SENDER
FUEL SENDER
4WD INDICATOR LIGHT
4WD INDICATOR LIGHT S/W
BULB CHECK RELAY (Australia)
BACK-UP LIGHTS (RH COMB. LIGHT)
BACK-UP LIGHTS (LH COMB. LIGHT)
BACK-UP LIGHT S/W
To "HEATER" CB (9-4)
To Bulb Check Relay (B-7)
To A/C Cut Relay (9-4)
To TCCS (ECU) (B-4)
From "GAUGE" Fuse (B-7)
From Magnet Clutch (9-6)
From A/C Idle-up VSV (9-6)
From Cold Start Injector or Start Injector Time S/W (B-1)
From Acceleration Cut Amplifier (B-6)
From A/C Amplifier (9-6)
From "STARTER" Fuse (B-2)
To O/D Computer (9-1)
To Light Reminder Relay (11-4)
To Power Main Relay (9-2)
To Back Door Warning Light (11-2)
To O/D Off Indicator & O/D Computer (9-1)
To Check Engine (B-4)
Ground points.
C= Located on right side of instrument panel
D= Located in fender apron near manifold
E= Located on center of fast crossmember
F= Located on engine block below manifold
Point à terre
C= Monté sur le côté droit du tableau de bord
D= Monté dans le tablier d'aile près du collecteur
E= Monté au centre de la traverse
F= Monté sur le bloc-cylindres, au-dessous du collecteur
Erdschlußpunkt
C= Angebracht an der rechten Seite des instrumentenbretts
D= Angebracht am Vordern Radkasten nahe am Ansaugkrummer
E= Angebracht an einem Rahmen kleinen Kreuzlager
F= Angebracht am Motorblock unterhalb des Ansaugkrummer
Puntos de conexión con tierra
C= Situado en el lado izquierdo del panel instrumental
D= Situado en el faldón del guardabarros cerca del múltiple
E= Situado en el guardabarros trasero izquierdo
F= Situado en el bloque motor debajo del múltiple



Ground points

d = Located on wiper bracket set bolt
h = Located on left side of instrument panel
C = Located on right side of instrument panel
f = Located on engine block below manifold

Point à terre

d = Monté sur le boulon de fixation de platine d'essuie-glace
h = Monté à gauche du tableau de bord
C = Monté sur le côté droit du tableau de bord
f = Monté sur le bloc-cylindres, au-dessous du collecteur

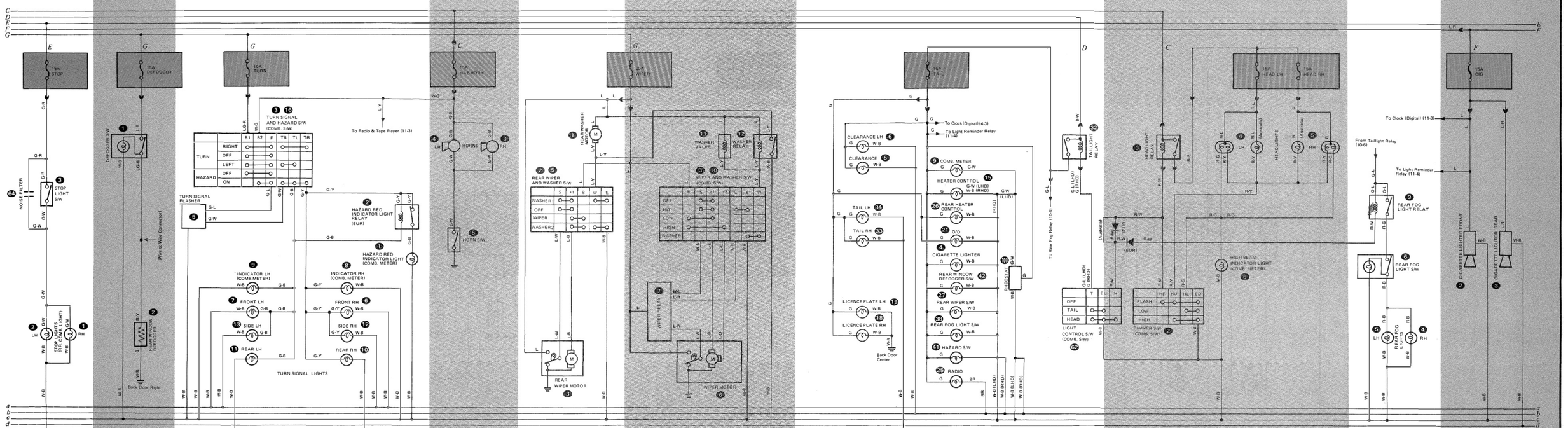
Erdschlußpunkt

d = Angebracht an der Befestigungsschraube be der Wischer-Halterung
h = Angebracht an dem linken Teil der instrumententafel
C = Angebracht an der rechten Seite des instrumentenbretts
f = Angebracht am Motorblock unterhalb des Ansaugkrümmers

Punto de conexión con tierra

d = Situado en el perno de sujecion del soporte del limpiador
h = Situado al lado derecho del tablero de instrumentos
C = Situado en el lado izquierdo del panel instrumental
f = Situado en el bloque motor debajo del multiple

Stop Lights (4WD) 1 | Rear Window Defogger (4WD) | Turn Signal and Hazard (4WD) 2 | Horn (4WD) 3 | Rear Wiper and Washer (4WD) | Front Wiper and Washer (4WD) 4 | Taillights and Illumination (4WD) 5 6 | Headlights (4WD) 7 | Rear Fog Lights (4WD) | Cigarette Lighter (4WD) 8



Ground points

a = Located on wiper bracket set bolt
b = Located on left side of instrument panel
c = Located on right side of instruments panel

d = Located in fender apron near manifold
e = Located on center of fast crossmember

Point à terre

a = Monté sur le boulon de fixation de platine d'essuie-glace
b = Monté à gauche du tableau de bord
c = Monté sur le côté droit du tableau de bord

d = Monté dans le tablier d'aile près du collecteur
e = Monté au centre de la traverse

Erdschlußpunkt

a = Angebracht an der Befestigungsschraube der Wischer-Halterung
b = Angebracht an dem linken Teil der instrumententafel
c = Angebracht an der rechten Seite der instrumententafel

d = Angebracht am Vordern Radkasten nahe am Ansaugkrummer
e = Angebracht an dem linken hinteren Kotflügel

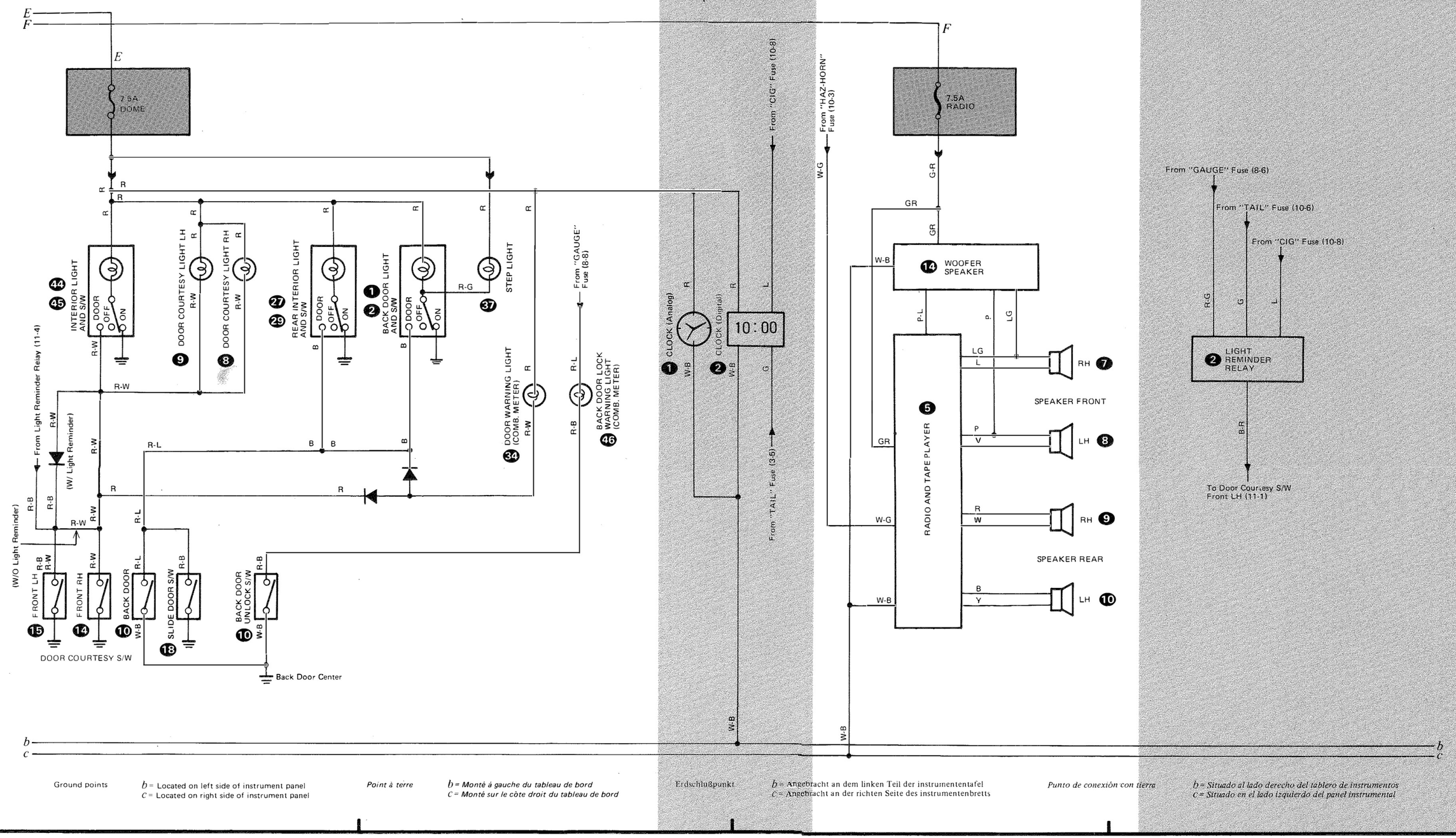
Punto de conexión con tierra

a = Situado en el perno de sujecion del soporte del limpiador
b = Situado al lado derecho del tablero de instrumentos
c = Situado en el lado izquierdo del panel instrumental

d = Situado en el faldon del guardabarros cerca del multiple
e = Situado en el guardabarros interno izquierdo

Interior Lights (4WD) | Clock (4WD) | Radio and Tape Player (4WD) | Light Reminder (4WD)

1 2 3 4



Ground points

b = Located on left side of instrument panel
c = Located on right side of instrument panel

Point à terre

b = Monté à gauche du tableau de bord
c = Monté sur le côte droit du tableau de bord

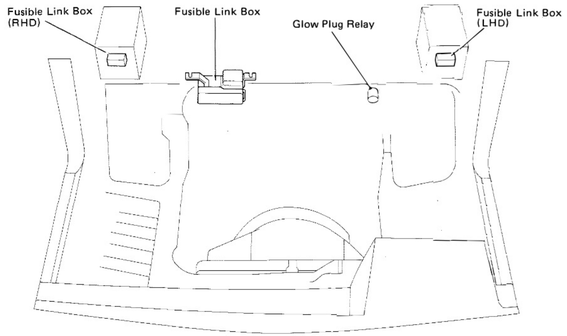
Erdschlußpunkt

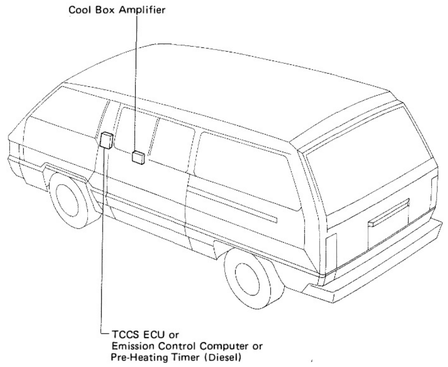
b = Angebracht an dem linken Teil der instrumententafel
c = Angebracht an der richten Seite des instrumentenbretts

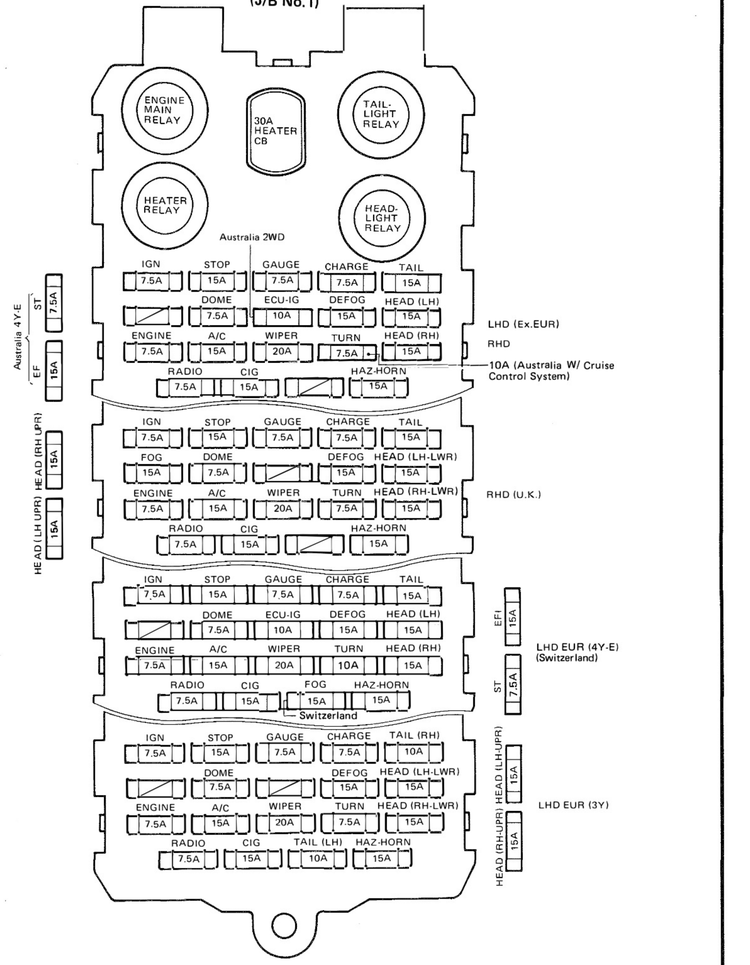
Punto de conexión con tierra

b = Situado al lado derecho del tablero de instrumentos
c = Situado en el lado izquierdo del panel instrumental

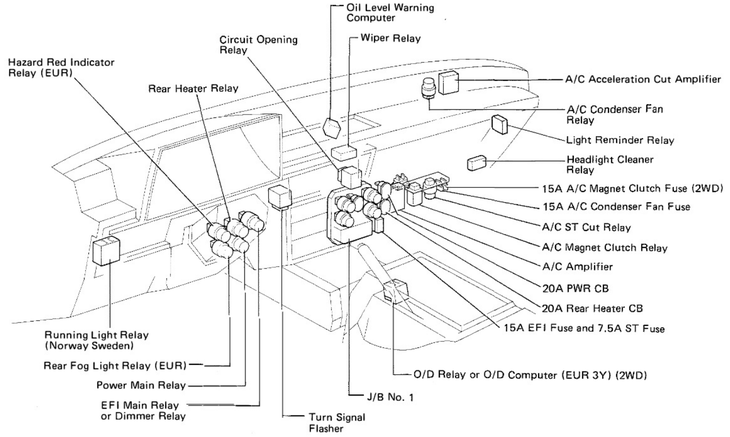
MODEL-F/TARAGO RELAY LOCATIONS



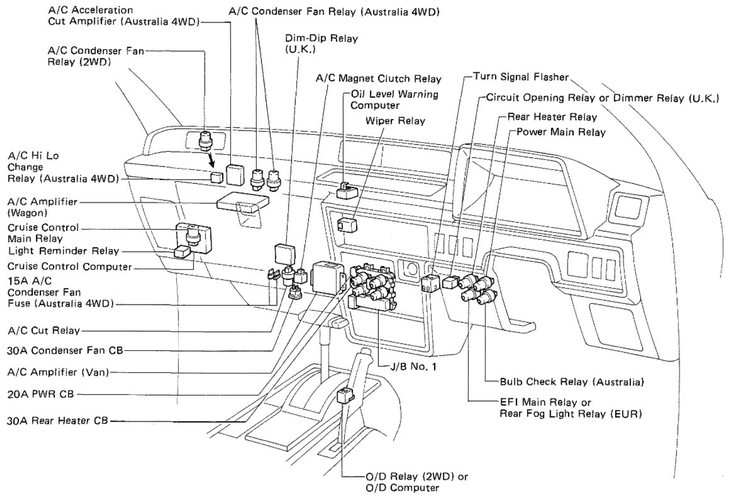




[LHD]



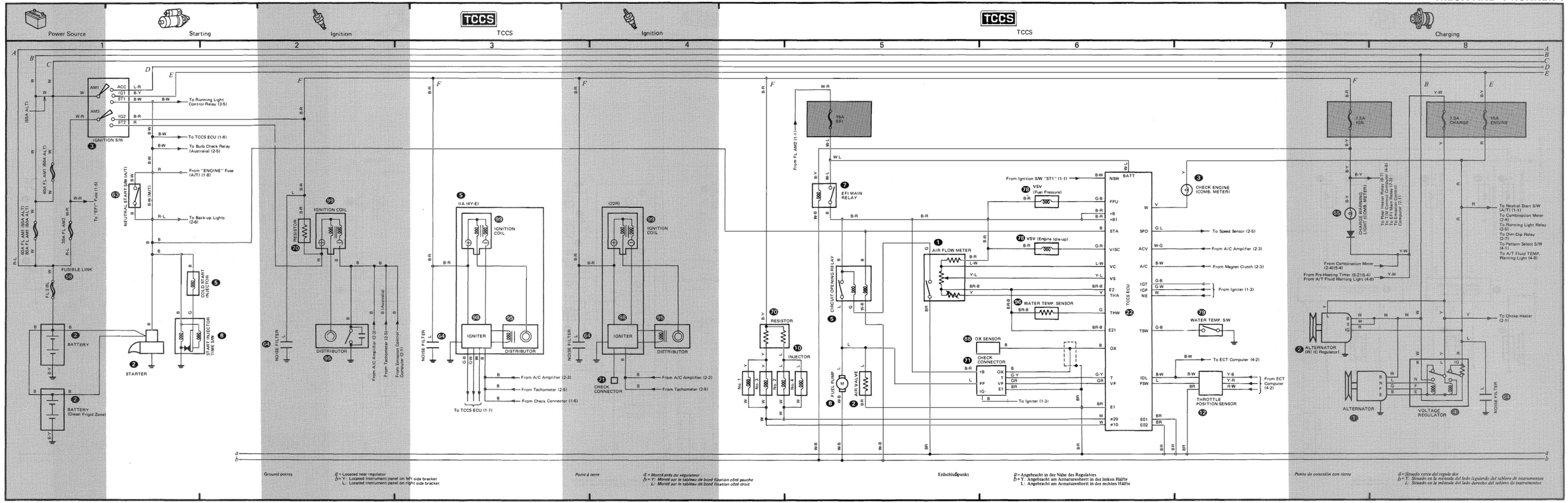
[RHD]



SYSTEM INDEX

HILUX AND 4 RUNNER — 1988 Production Vehicles (Page 1 to Page 7)

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a = Located near regulator
b = Y: Located instrument panel on left side bracket
L: Located instrument panel on right side bracket

a = Monté près du régulateur
b = Y: Monté sur le tableau de bord fixation côté gauche
L: Monté sur le tableau de bord fixation côté droit

a = Situado cerca del regula dor
b = Y: Situado en la mésula del lado izquierdo del tablero de instrumentos
L: Situado en la mésula del lado derecho del tablero de instrumentos

a = Angebracht in der Nähe des Regulators
b = Y: Angebracht am Armaturenbrett in der linken Hälfte
L: Angebracht am Armaturenbrett in der rechten Hälfte

Emission Control

Air Conditioner, Cooler and Heater

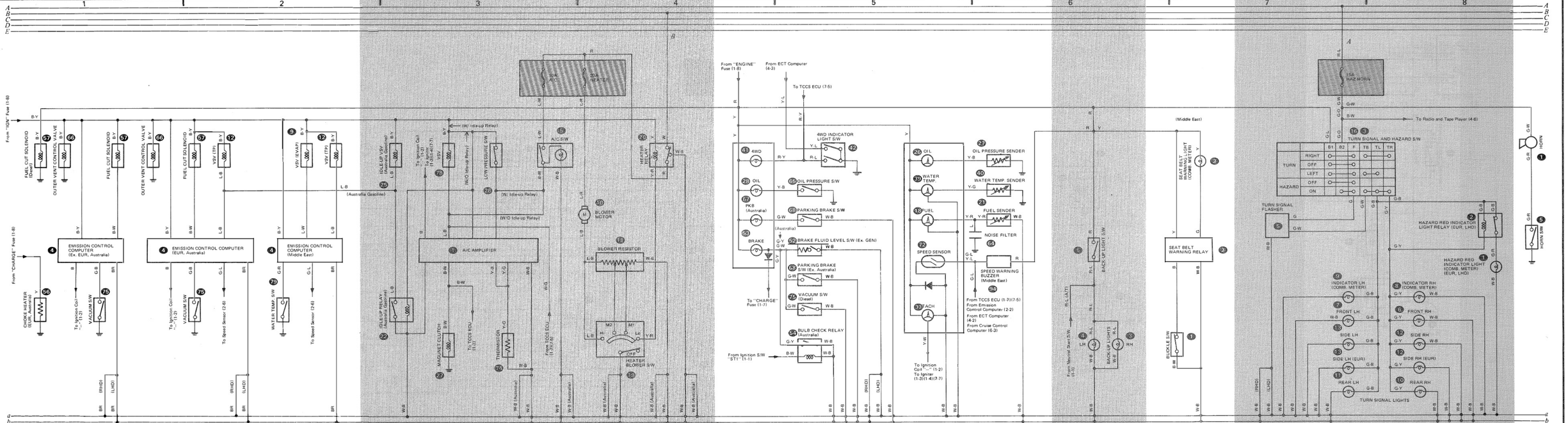
Combination Meter

Back-up Lights

Seat Belt Warning

Turn Signal and Hazard

Horn



Ground points

a = Located near regulator
b = Y: Located instrument panel on left side bracket
L: Located instrument panel on right side bracket

Point à terre

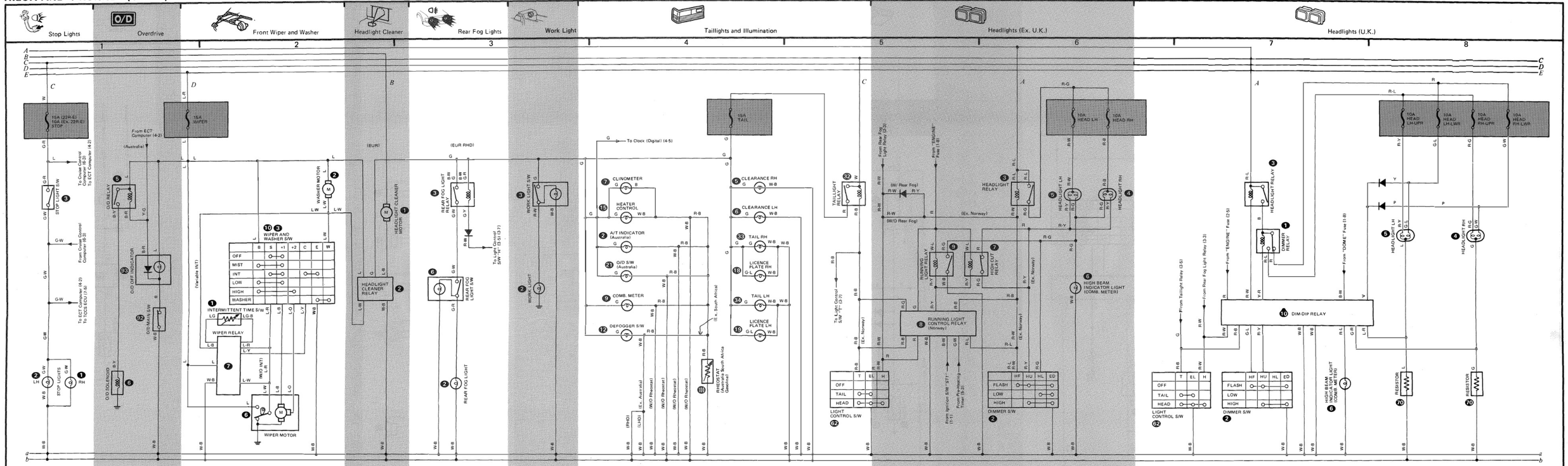
a = Monté près du régulateur
b = Y: Monté sur le tableau de bord fixation côté gauche
L: Monté sur le tableau de bord fixation côté droit

Erdschlußpunkt

a = Angebracht in der Nähe des Regulators
b = Y: 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 = Y: Situado en la mésnula del lado izquierdo del tablero de instrumentos
L: Situado en la mésnula del lado derecho del tablero de instrumentos



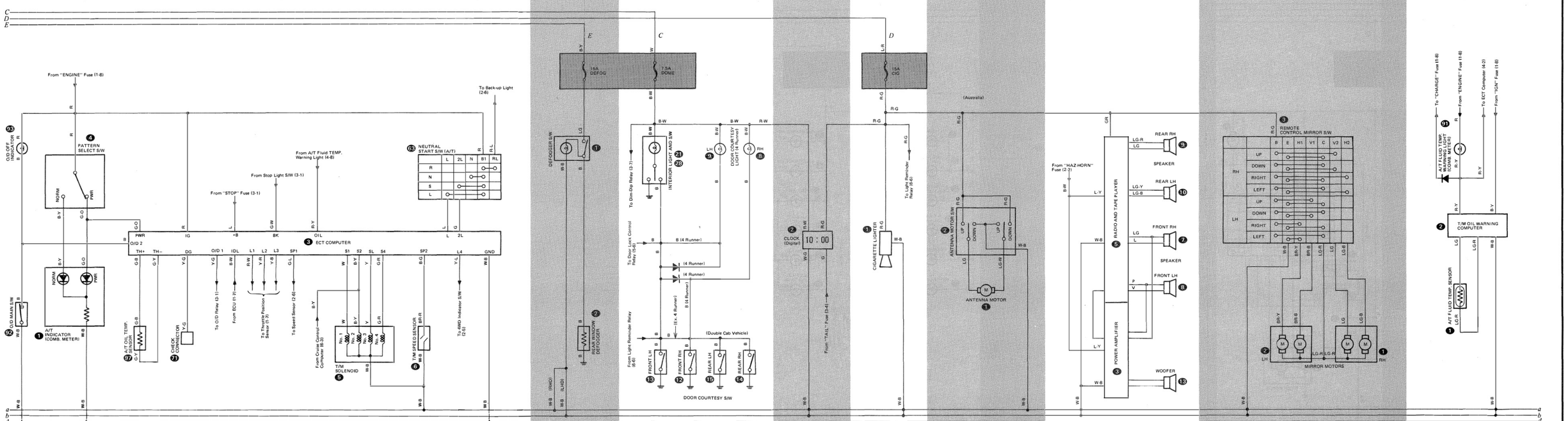
a = Located near regulator
b = Y: Located instrument panel on left side bracket
L: Located instrument panel on right side bracket

a = Monté près du régulateur
b = Y: Monté sur le tableau de bord fixation côté gauche
L: Monté sur le tableau de bord fixation côté droit

a = Angebracht in der Nähe des Regulators
b = Y: Angebracht am Armaturenbrett in der linken Hälfte
L: Angebracht am Armaturenbrett in der rechten Hälfte

a = Situado cerca del regula dor
b = Y: Situado en la mitad del lado izquierdo del tablero de instrumentos
L: Situado en la mitad del lado derecho del tablero de instrumentos

ECT ECT (Electronic Control Transmission) | Rear Window Defogger | Interior Lights | Clock | Cigarette Lighter | Auto Antenna | Radio and Tape Player | Remote Control Mirrors | A/T Fluid Temp. Warning

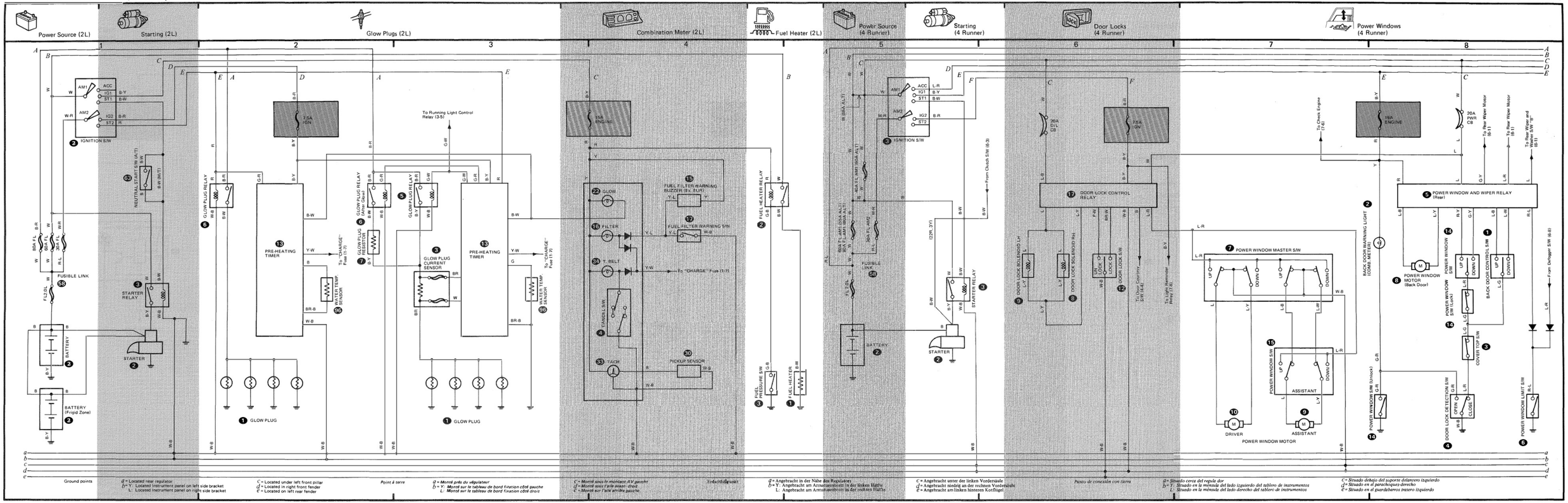


a = Located near regulator
b = Y: Located instrument panel on left side bracket
L: Located instrument panel on right side bracket
d = Located in right front fender

a = Monté près du régulateur
b = Y: Monté sur le tableau de bord fixation côté gauche
L: Monté sur le tableau de bord fixation côté droit
d = Monté sous l'aile avant-droit

a = Angebracht in der Nähe des Regulators
b = Y: Angebracht am Armaturenbrett in der linken Hälfte
L: Angebracht am Armaturenbrett in die rechten Hälfte
d = Angebracht niedrig an der rechten Vorderstule

a = Situado cerca del regula dor
b = Y: Situado en la mensula del lado izquierdo del tablero de instrumentos
L: Situado en la mensula del lado derecho del tablero de instrumentos
d = Situado en el parachoques-derecho



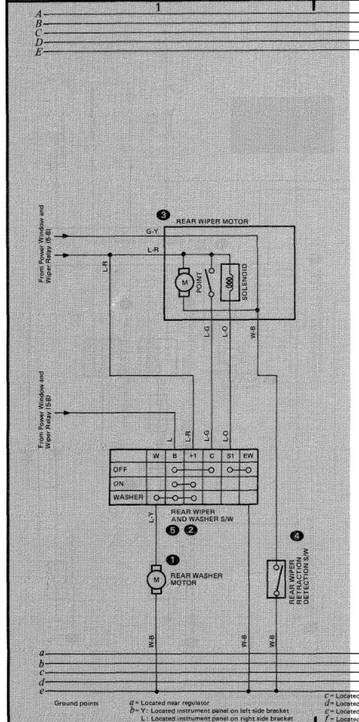
a = Located near regulator
b = Y: Located instrument panel on left side bracket
L: Located instrument panel on right side bracket
c = Located under left front pillar
d = Located in right front fender
e = Located on left rear fender

d = Monté près du régulateur
b = Y: Monté sur le tableau de bord fixation côté gauche
L: Monté sur le tableau de bord fixation côté droit
c = Monté sous le montant A/V gauche
d = Monté sous l'aile avant droit
e = Monté sur l'aile arrière gauche

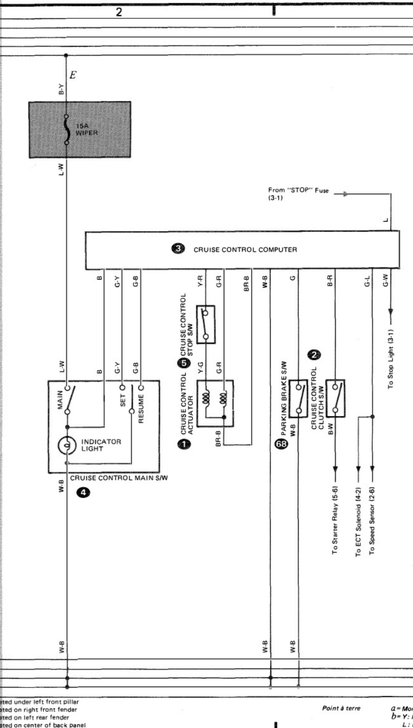
d = Angebracht in der Nähe des Regulators
b = Y: Angebracht am Armaturenbrett in der linken Hälfte
L: Angebracht am Armaturenbrett in der rechten Hälfte
c = Angebracht unter der linken Vordersäule
d = Angebracht niedrig an der rechten Vorderseite
e = Angebracht am linken hinteren Kotflügel

d = Situado cerca del regula dor
b = Y: Situado en la mésula del lado izquierdo del tablero de instrumentos
L: Situado en la mésula del lado derecho del tablero de instrumentos
c = Situado debajo del soporte delantero izquierdo
d = Situado en el parachoques-derecho
e = Situado en el guardabarros trasero izquierdo

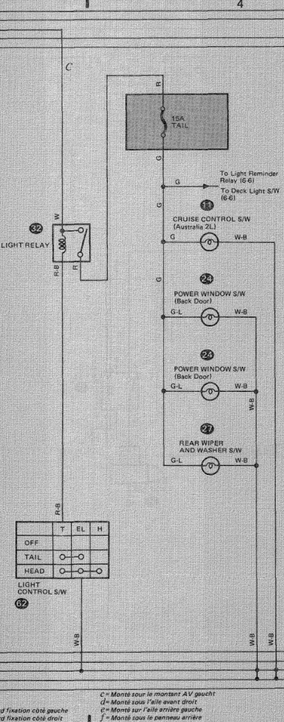
Rear Wiper and Washer (4 Runner)



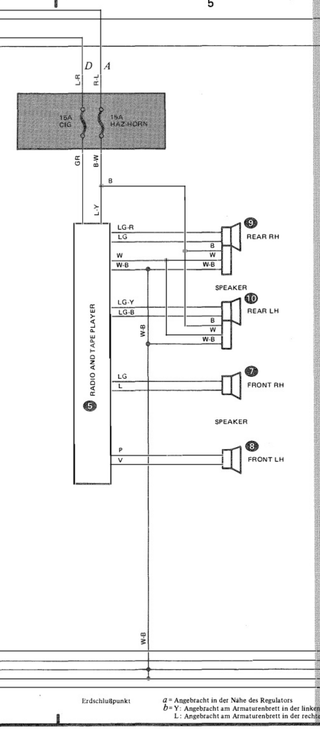
Cruise Control (Australia 2L) (4 Runner)



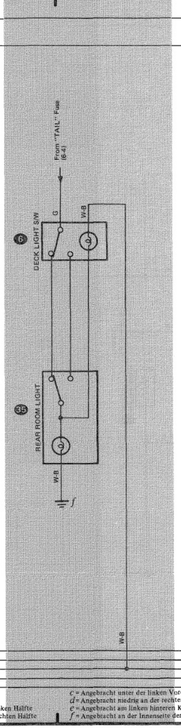
Taillights and Illumination (4 Runner)



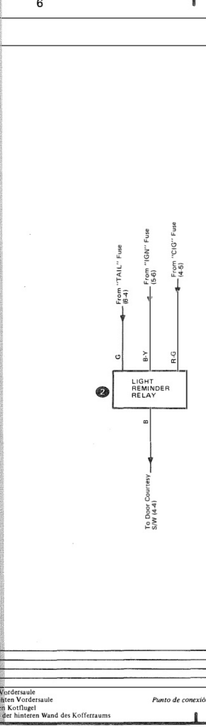
Radio and Tape Player (4 Runner)



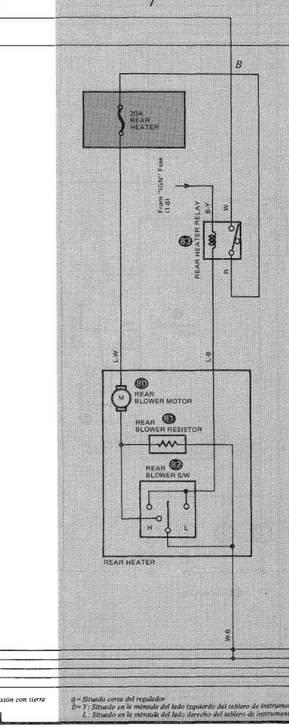
Interior Lights (4 Runner)



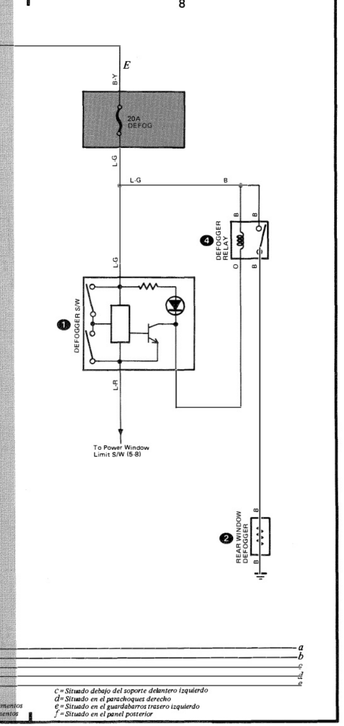
Light Reminder (4 Runner)



Rear Air Conditioner (4 Runner)



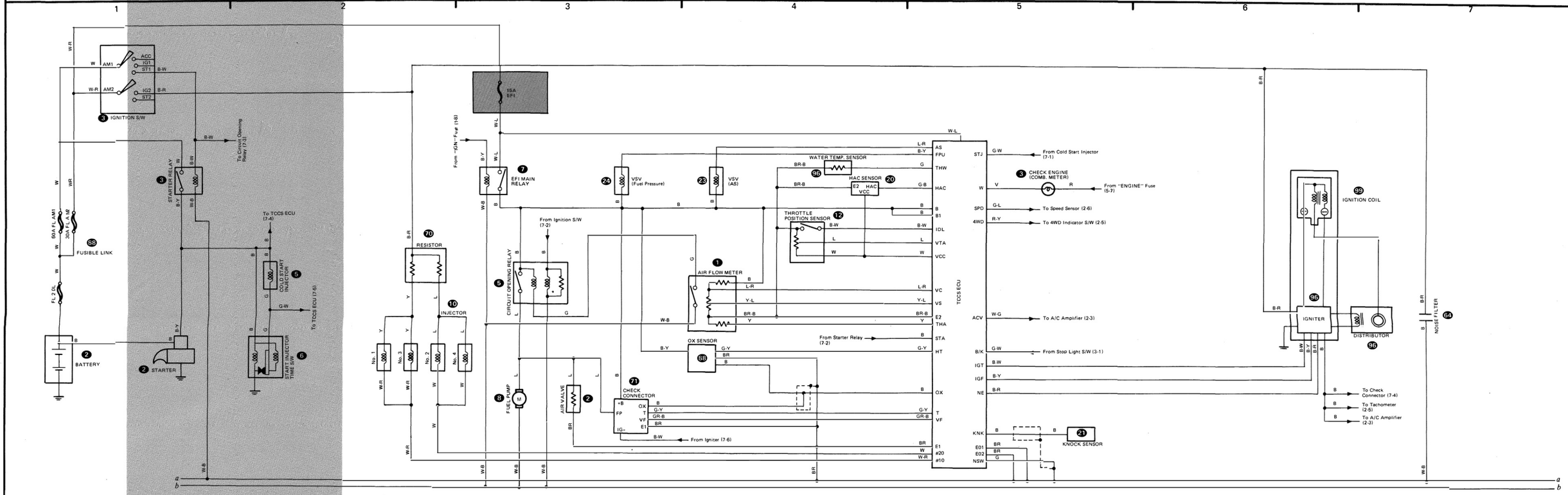
Rear Window Defogger (4 Runner)



Power Source (22R-E)

Starting (22R-E)

TCCS (22R-E)



Ground points

a = Located near regulator
b = Y: Located instrument panel on left side bracket
L: Located instrument panel on right side bracket

Point à terre

a = Monté près du régulateur
b = Y: Monté sur le tableau de bord fixation côté gauche
L: Monté sur le tableau de bord fixation côté droit

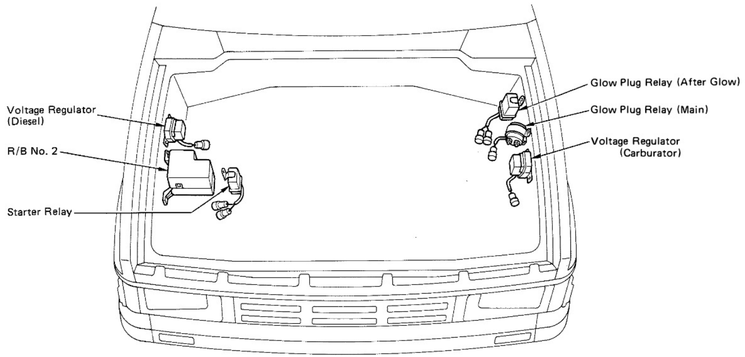
Erdschlußpunkt

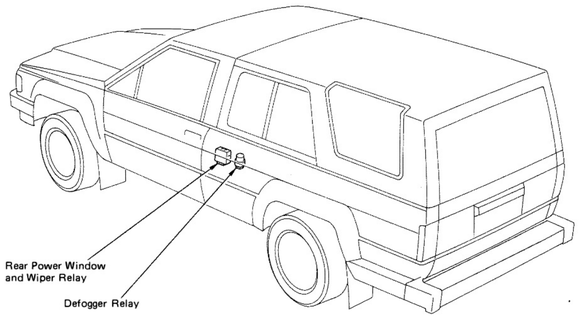
a = Angebracht in der Nähe des Regulators
b = Y: Angebracht am Armaturenbrett in der linken Hälfte
L: Angebracht am Armaturenbrett in der rechten Hälfte

Punto de conexión con tierra

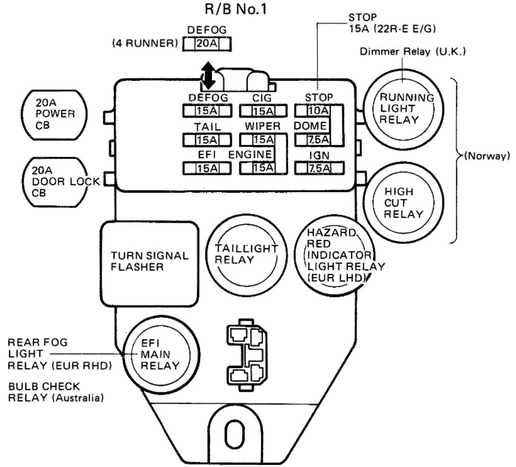
a = Situado cerca del regulador
b = Y: Situado en la ménsula del lado izquierdo del tablero de instrumentos
L: Situado en la ménsula del lado derecho del tablero de instrumentos

HILUX AND 4 RUNNER RELAY LOCATIONS

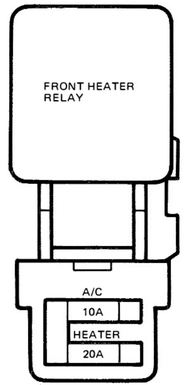




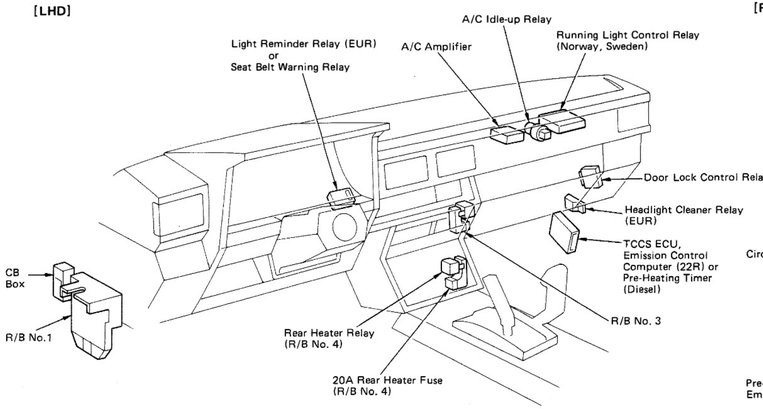
R/B No.1



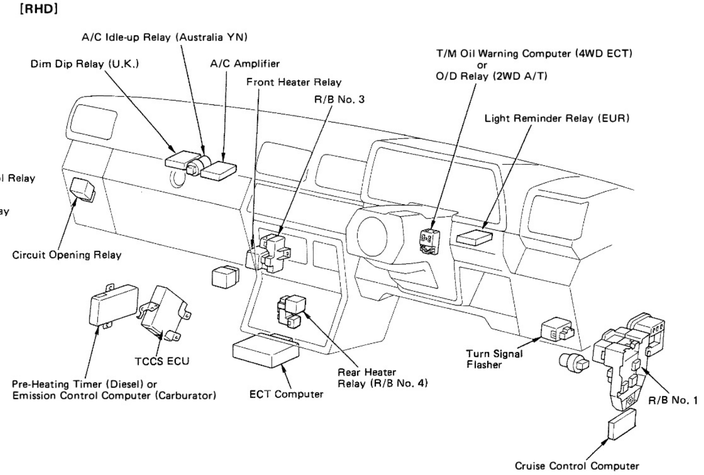
R/B No.3



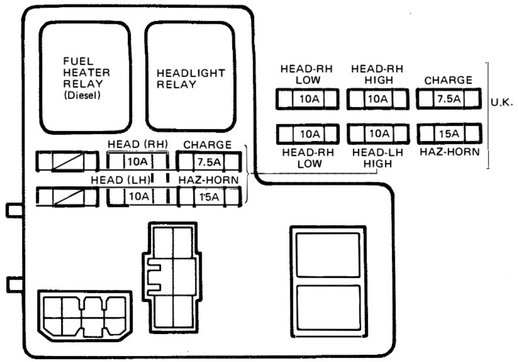
[LHD]



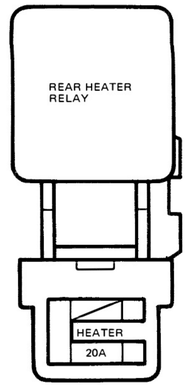
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R/B No.2

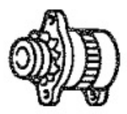
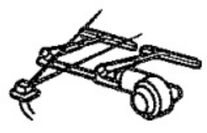
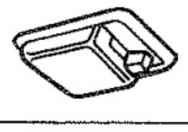


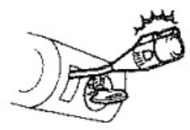
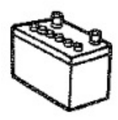
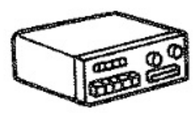
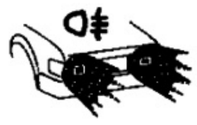
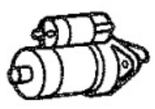
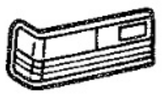
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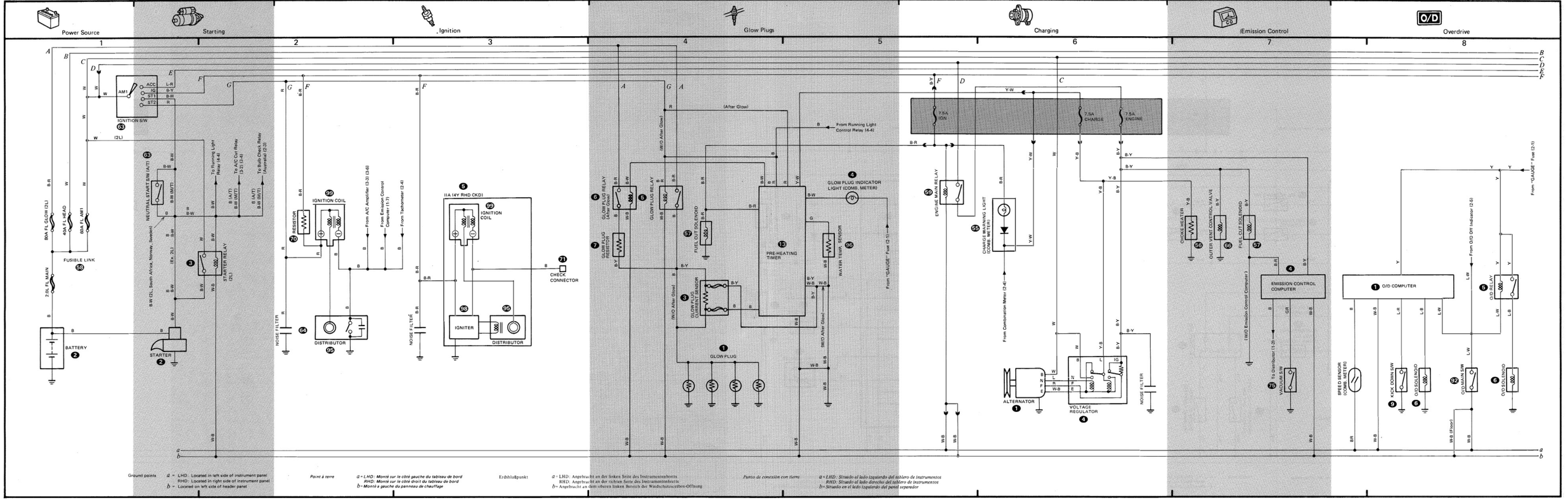


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HIACE, Van Type — 1988 Production Vehicles (Page 1 to Page 6)

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Ground points
a = LHD: Located in left side of instrument panel
RHD: Located in right side of instrument panel
b = Located on left side of header panel

Point à terre
a = LHD: Monté sur le côté gauche du tableau de bord
RHD: Monté sur le côté droit du tableau de bord
b = Monté a gauche du panneau de chauffage

Erdshlußpunkt
a = LHD: Angebracht an der linken Seite des Instrumentenbretts
RHD: Angebracht an der richten Seite des Instrumentenbretts
b = Angebracht an dem oberen linken Bereich der Windschutzscheiben-Öffnung

Punto de conexión con tierra
a = LHD: Situado al lado izquierdo del tablero de instrumentos
RHD: Situado al lado derecho del tablero de instrumentos
b = Situado en el lado izquierdo del panel separador

Seat Belt Warning

Combination Meter

Automatic Transmission Indicator

Back-up Lights

Turn Signal and Hazard

Horn

1 2 3 4 5 6 7 8

B C D E F

From "DOME" Fuse (6-3) (6-4)

To Defogger Timer & S/W (5-6)

To Light Reminder Buzzer (4-8)

To Running Light Control Relay (4-4)

To Dim-Dip Relay (5-3)

To O/D Converter or O/D Relay (1-6)

7.5A GAUGE

(RHD)

(LHD)

ENGINE OIL & RADIATOR LEVEL INDICATOR RELAY

SEAT BELT WARNING LIGHT (COMB. METER)

SEAT BELT WARNING RELAY

BUCKLE S/W

OIL

4WD

BRAKE

ENGINE OIL

RADIATOR

WASHER (Norway High Grade Van)

OIL PRESSURE S/W

4WD INDICATOR LIGHT S/W HAZ-HORN

WASHER FLUID LEVEL S/W (Norway High Grade Van)

To O/D Off Indicator Light (2-5)

To Glow Plug Indicator Light (1-5)

RADIATOR FLUID LEVEL WARNING LIGHT S/W

ENGINE OIL LEVEL WARNING LIGHT S/W

LEVEL CHECK S/W

From Ignition S/W "ST1" or Neutral Start S/W (A/T)

B (A/T) B/W (M/T)

BRAKE CHECK RELAY (Australia)

(Others except RHD, South Africa GL, Newzealand)

To Stop Light S/W (5-5)

From Stop Light S/W (5-5)

PARKING BRAKE S/W (Sweden)

BRAKE FLUID PRESSURE S/W (Sweden)

PARKING BRAKE S/W

BRAKE FLUID LEVEL S/W

VACUUM S/W (2L)

FILTER (2L)

T. BELT (2L)

CANCEL S/W

TACH

WATER TEMP.

FUEL

FUEL

CHIME S/W

SPEED WARNING BUZZER

FUEL FILTER WARNING BUZZER (Ex. EUR, W Germany & Sweden)

To "CHARGE" Fuse (1-6)

To Distributor (1-3)

WATER TEMP. SENDER

FUEL SENDER

FUEL FILTER WARNING S/W

A/T INDICATOR S/W

P R N D 2 L

From "GAUGE" Fuse (2-2)

A/T INDICATOR (COMB. METER)

To O/D Main S/W (1-8)

R-L (Ex. EUR 3Y LHD)
R-W (EUR 3Y LHD)

A/T

M/T

BACK-UP LIGHT S/W

BACK-UP LIGHTS LH

BACK-UP LIGHTS RH

7.5A TURN

HAZARD S/W

B1 F B2 TL TS TR TI

OFF

ON

TURN SIGNAL FLASHER

(EUR)

HAZARD INDICATOR LIGHT (COMB. METER)

TURN SIGNAL S/W (COMB. S/W)

INDICATOR LIGHT LH (COMB. METER)

INDICATOR LIGHT RH (COMB. METER)

FRONT LH

FRONT RH

REAR LH

REAR RH

TURN SIGNAL LIGHTS

15A HAZ-HORN

HORN

HORN S/W

a b c

Ground points a = LHD: Located in left side of instrument panel
RHD: Located in right side of instrument panel
b = Located on left side of header panel
c = Located on center of last crossmember

Point à terre a = LHD: Monté sur le côté gauche du tableau de bord
RHD: Monté sur le côté droit du tableau de bord
b = Monté à gauche du pannneau de chauffage
c = Monté au centre de la dernière traverse

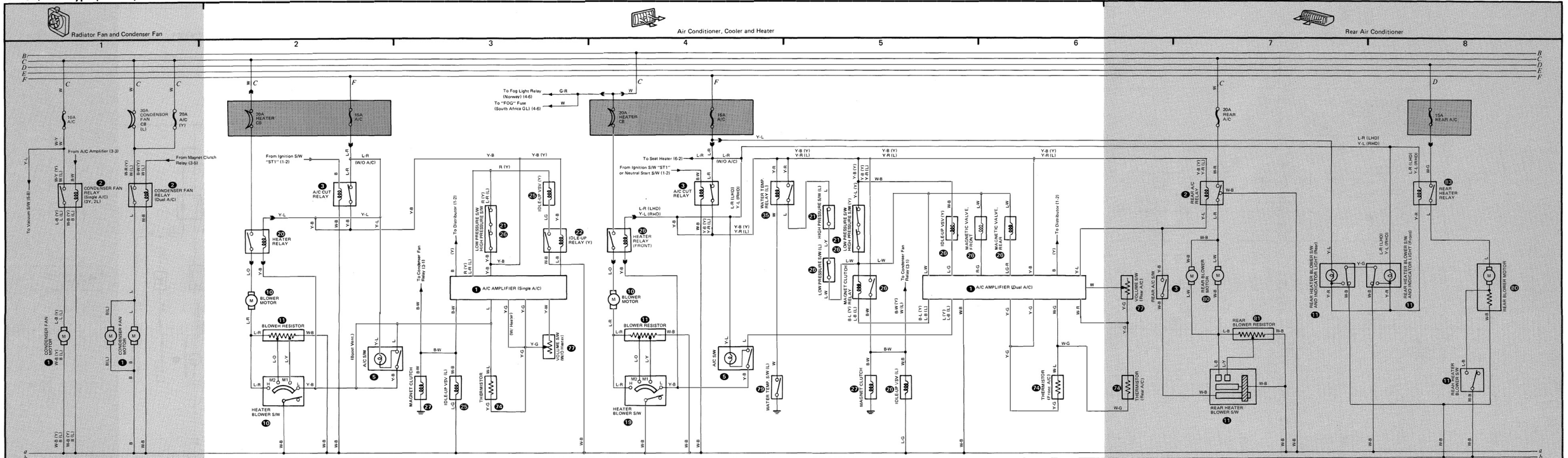
Erdschlußpunkt a = LHD: Angebracht an der linken Seite des Instrumentenbretts
RHD: Angebracht an der rechten Seite des Instrumentenbretts
b = Angebracht an dem oberen linken Bereich der Windschutzscheiben-Öffnung
c = Angebracht in der Mitte des hintersten Querträgers

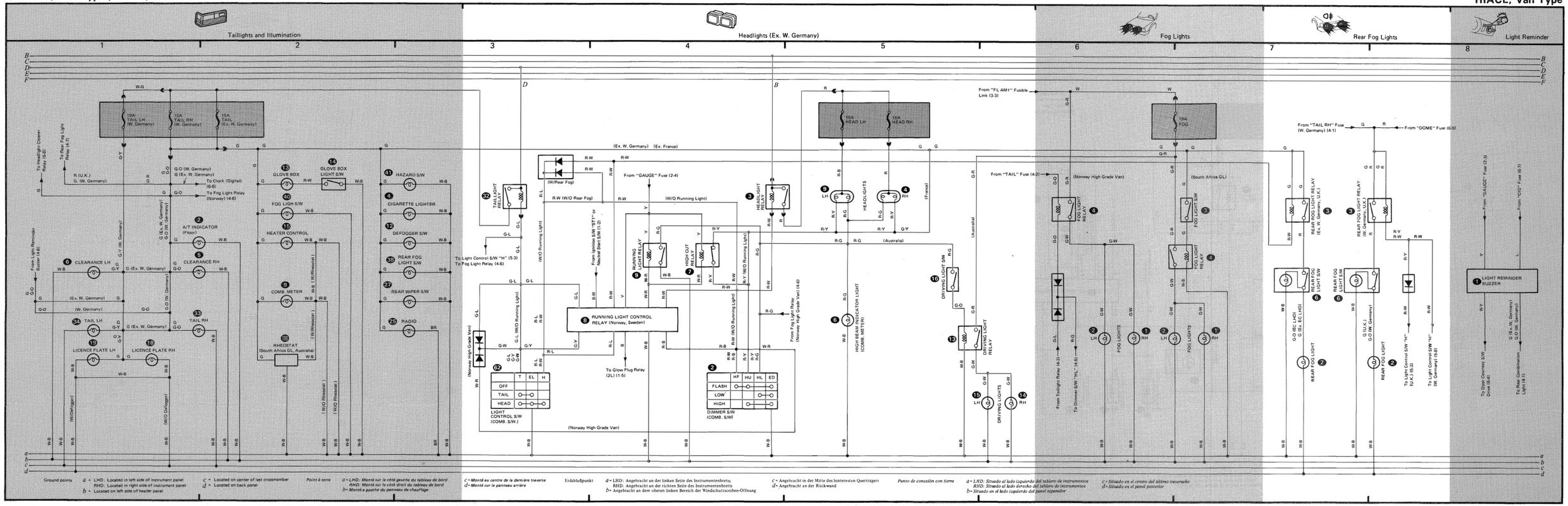
Punto de conexión con tierra a = LHD: Situado al lado izquierdo del tablero de instrumentos
RHD: Situado al lado derecho del tablero de instrumentos
b = Situado en el lado izquierdo del panel separador
c = Situado en el centro del último travesaño

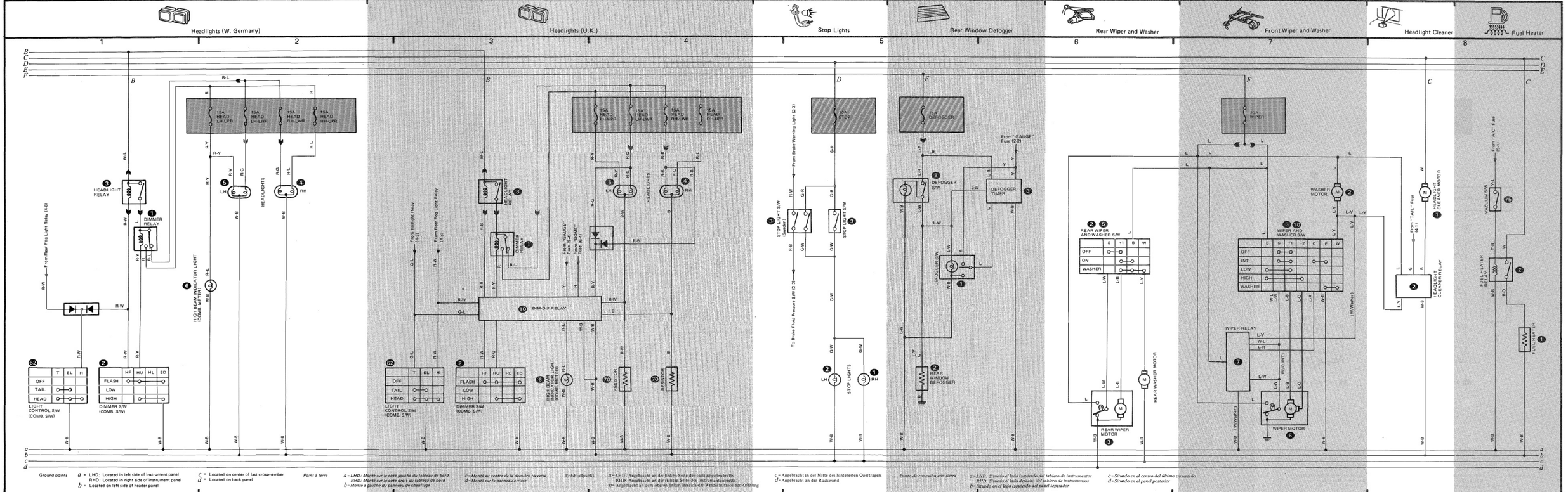
Radiator Fan and Condenser Fan

Air Conditioner, Cooler and Heater

Rear Air Conditioner




Taillights and Illumination
Headlights (Ex. W. Germany)
Fog Lights
Rear Fog Lights
Light Reminder
1
2
3
4
5
6
7
8
10A TAIL LH (W. Germany)
10A TAIL RH (W. Germany)
15A TAIL (Ex. W. Germany)
15A HEAD LH
15A HEAD RH
15A FOG
To Headlight Cleaner Relay (4-6)
To Rear Fog Light Relay (4-7)
R (U.K.) G, (W, Germany)
To Clock (Digital) (5-5)
To Fog Light Relay (Norway) (4-6)
From Light Reminder Buzzer (4-8)
A/T INDICATOR (Floor)
CLEARANCE LH
CLEARANCE RH
TAIL LH
TAIL RH
LICENCE PLATE LH
LICENCE PLATE RH
GLOVE BOX
GLOVE BOX LIGHT S/W
FOG LIGH S/W
HEATER CONTROL
COMB. METER
RHEOSTAT (South Africa GL, Australia)
HAZARD S/W
CIGARETTE LIGHTER
DEFOGGER S/W
REAR FOG LIGHT S/W
REAR WIPER S/W
RADIO
(W/Defogger)
(W/O Defogger)
(W/ Rheostat)
(W/O Rheostat)
From "GAUGE" Fuse (2-4)
From Ignition S/W "ST1" or Neutral Start S/W (1-2)
To Light Control S/W "H" (5-3)
To Fog Light Relay (4-6)
TAILLIGHT RELAY
(W/Rear Fog)
R-W (W/O Rear Fog)
(W/O Running Light)
RUNNING LIGHT RELAY
HIGH CUT RELAY
RUNNING LIGHT CONTROL RELAY (Norway, Sweden)
To Glow Plug Relay (2L) (1-5)
(Norway High Grade Van)
LIGHT CONTROL S/W (COMB. S/W.)
OFF
TAIL
HEAD
T
EL
H
DIMMER S/W (COMB. S/W)
FLASH
LOW
HIGH
HF
HU
HL
ED
HEADLIGHT RELAY
HEADLIGHTS
(Ex. W. Germany) (Ex. France)
(France)
(Australia)
HIGH BEAM INDICATOR LIGHT (COMB. METER)
From Fog Light Relay (Norway High Grade Van) (4-6)
DRIVING LIGHT S/W
DRIVING LIGHT RELAY
DRIVING LIGHTS
From "FL AM1" Fusible Link (3-3)
From "TAIL" Fuse (4-2)
From Taillight Relay (4-3)
To Dimmer S/W "HL" (4-5)
FOG LIGHT RELAY
(Norway High Grade Van)
(South Africa GL)
FOG LIGHT S/W
FOG LIGHTS
From "TAIL RH" Fuse (W. Germany) (4-1)
From "DOME" Fuse (6-5)
REAR FOG LIGHT RELAY (Ex. W. Germany, U.K.)
REAR FOG LIGHT RELAY (W. Germany, U.K.)
REAR FOG LIGHT S/W
G (E): (Ex. LHD)
G (U.K.): G-O (W. Germany)
REAR FOG LIGHT
To Light Control S/W "H" (U.K.) (5-3)
To Light Control S/W "H" (W. Germany) (5-5)
From "GAUGE" Fuse (2-3)
From "CIG" Fuse (6-7)
LIGHT REMINDER BUZZER
To Door Courtesy S/W (Door Jamb)
To Rear Combination Light (4-11)
Ground points
a = LHD: Located in left side of instrument panel
RHD: Located in right side of instrument panel
b = Located on left side of header panel
c = Located on center of last crossmember
d = Located on back panel
Point à terre
a = LHD: Monté sur le côté gauche du tableau de bord
RHD: Monté sur le côté droit du tableau de bord
b = Monté à gauche du panneau de chauffage
c = Monté au centre de la dernière traverse
d = Monté sur le panneau arrière
Erdschlußpunkt
a = LHD: Angebracht an der linken Seite des Instrumentenbretts
RHD: Angebracht an der rechten Seite des Instrumentenbretts
b = Angebracht an dem oberen linken Bereich der Windschutzscheiben-Öffnung
c = Angebracht in der Mitte des hinteresten Querträgers
d = Angebracht an der Rückwand
Punto de conexión con tierra
a = LHD: Situado al lado izquierdo del tablero de instrumentos
RHD: Situado al lado derecho del tablero de instrumentos
b = Situado en el lado izquierdo del panel expansor
c = Situado en el centro del último travesaño
d = Situado en el panel posterior



Ground points

a = LHD: Located in left side of instrument panel
RHD: Located in right side of instrument panel
b = Located on left side of header panel
c = Located on center of last crossmember
d = Located on back panel

Point à terre

a - LHD: Monté sur le côté gauche du tableau de bord
RHD: Monté sur le côté droit du tableau de bord
b - Monté à gauche du panneau de cloisonnement
c - Monté au centre de la dernière traverse
d - Monté sur la paroi arrière

Erdpunkte

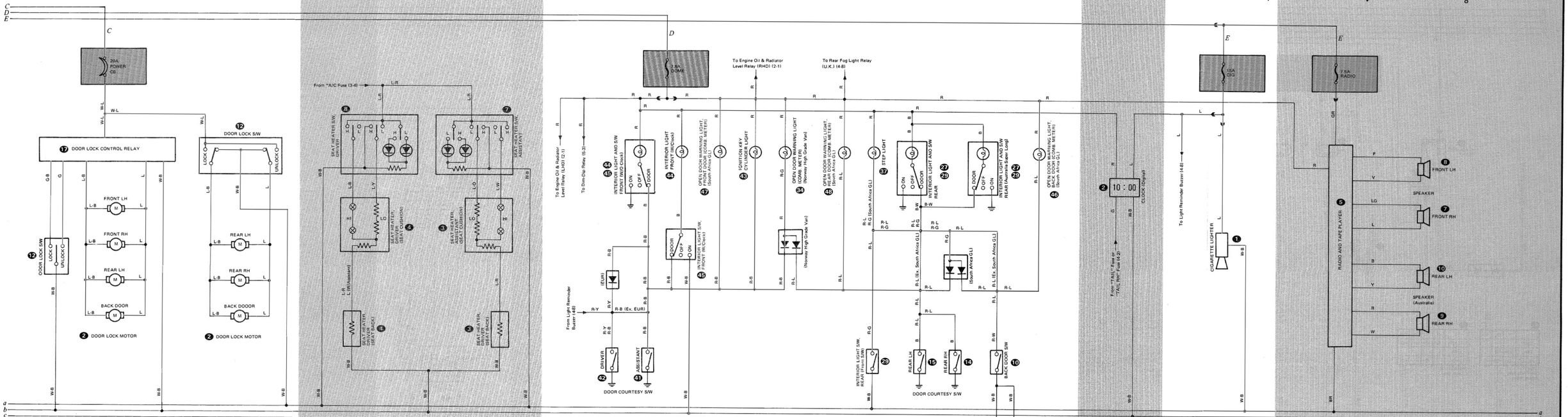
a - LHD: Angebracht an der linken Seite des Instrumentenbretts
RHD: Angebracht an der rechten Seite des Instrumentenbretts
b - Angebracht an dem oberen linken Bereich des Wendschutzsystem-Öffnung
c - Angebracht in der Mitte des hinteresten Querträgers
d - Angebracht an der Rückwand

Punto de conexión con tierra

a - LHD: Situado al lado izquierdo del tablero de instrumentos
RHD: Situado al lado derecho del tablero de instrumentos
b - Situado en el lado izquierdo del panel separador
c - Situado en el centro del último travesaño
d - Situado en el panel posterior

Door Locks | Seat Heaters | Interior Lights | Clock | Cigarette Lighter | Radio and Tape Player

1 2 3 4 5 6 7 8



Ground points
a = LHD: Located in left side of instrument panel
RHD: Located in right side of instrument panel
b = Located on left side of header panel
c = Located on center of rear crossmember
d = Located on back panel

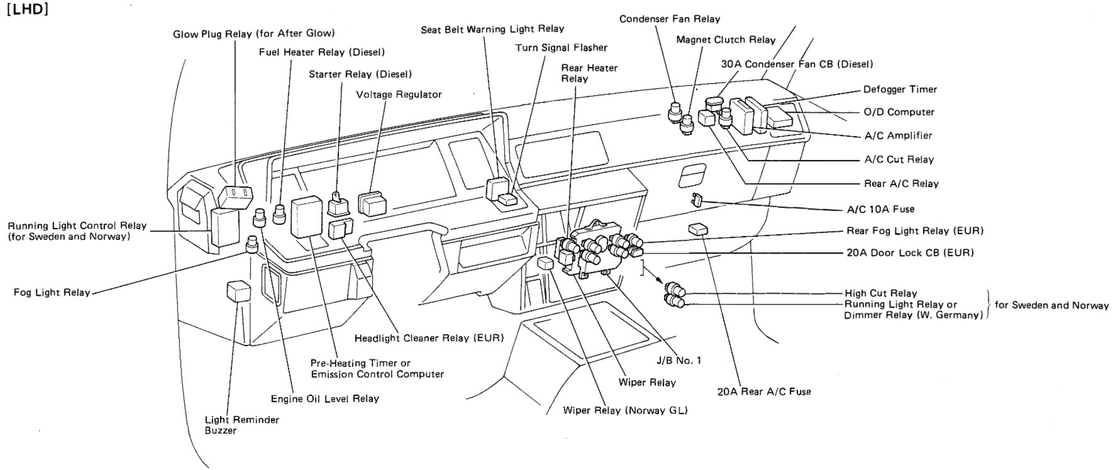
Point à terre
a = LHD: Monté sur le côté gauche du tableau de bord
RHD: Monté sur le côté droit du tableau de bord
b = Monté à gauche du panneau de chauffage
c = Monté au centre de la dernière traverse
d = Monté sur le panneau arrière

Erdschlußpunkt
a = LHD: Angebracht an der linken Seite des Instrumentenbretts
RHD: Angebracht an der rechten Seite des Instrumentenbretts
b = Angebracht an dem oberen linken Bereich der Windschutzscheiben-Öffnung
c = Angebracht in der Mitte des hintersten Quertrágers
d = Angebracht an der Rückwand

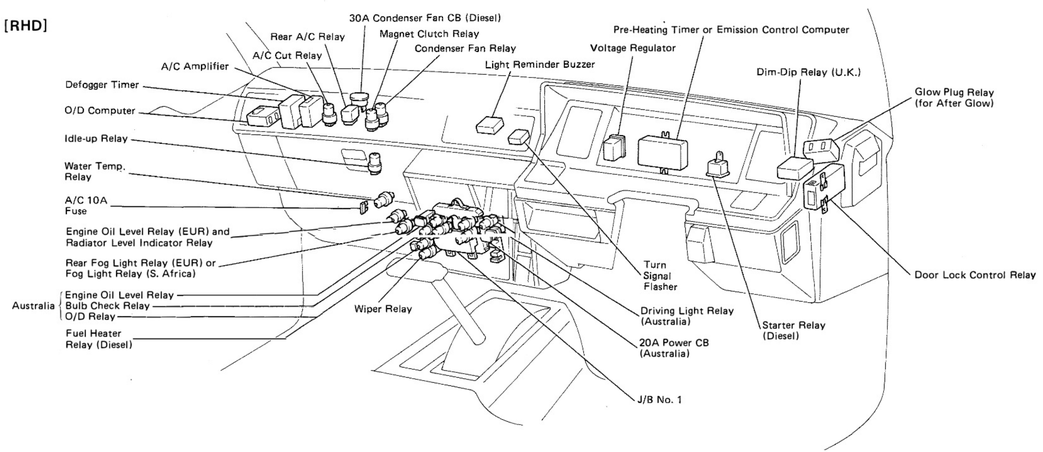
Punto de conexión con tierra
a = LHD: Situado al lado izquierdo del tablero de instrumentos
RHD: Situado al lado derecho del tablero de instrumentos
b = Situado en el lado izquierdo del panel superior
c = Situado en el centro del último travesaño
d = Situado en el panel posterior

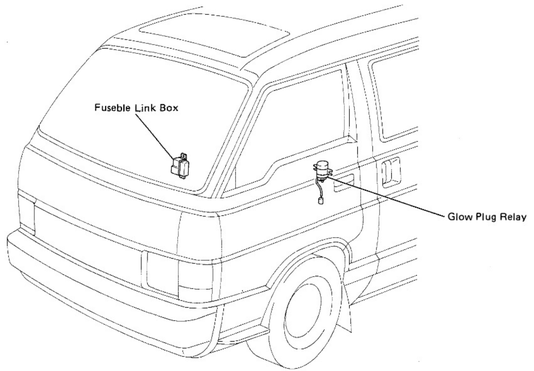
HIACE, Van Type RELAY LOCATIONS

[LHD]

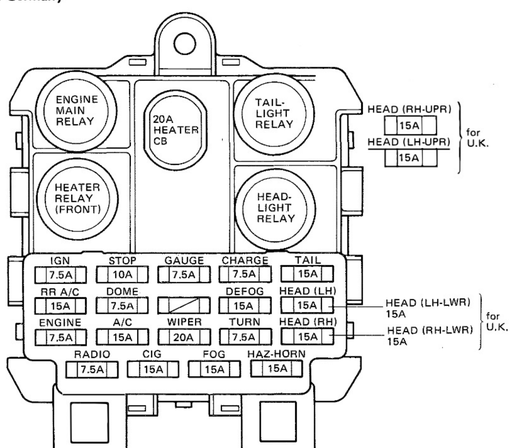


[RHD]

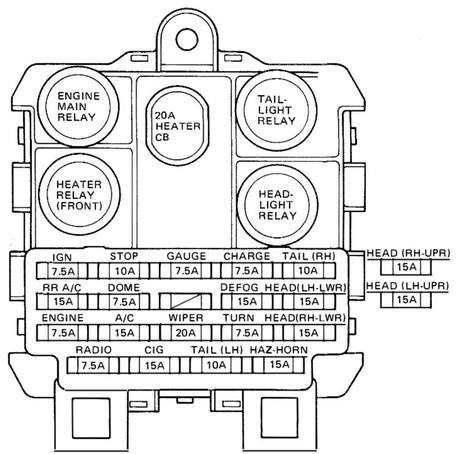




J/B No. 1
Ex. W. Germany



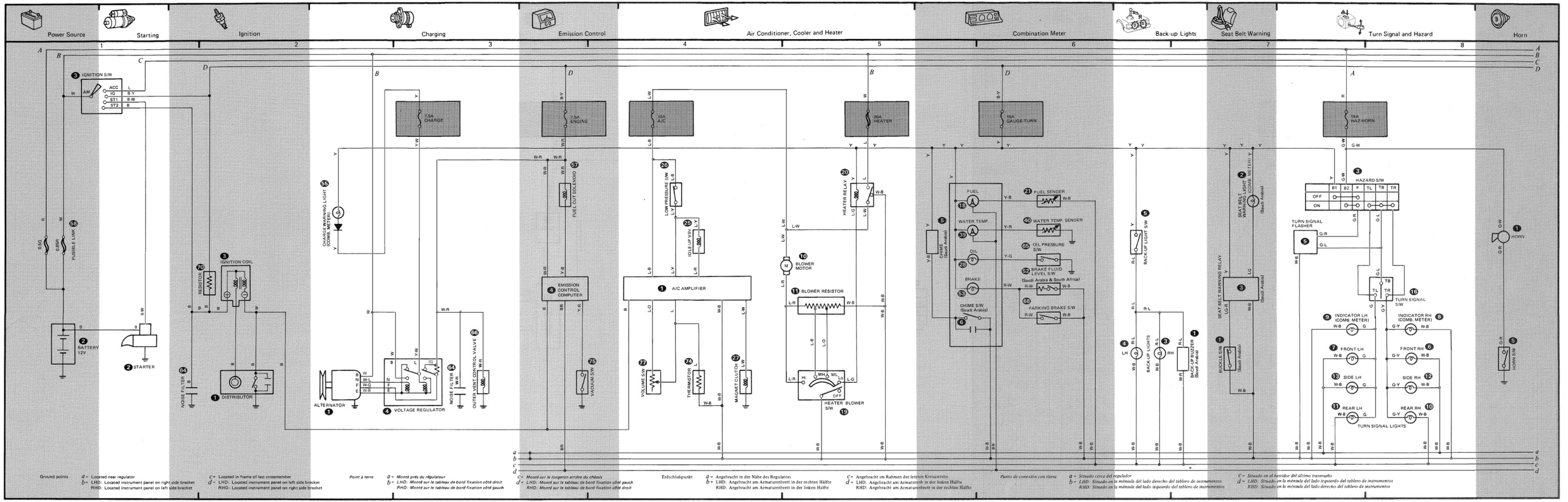
J/B No. 1
W. Germany

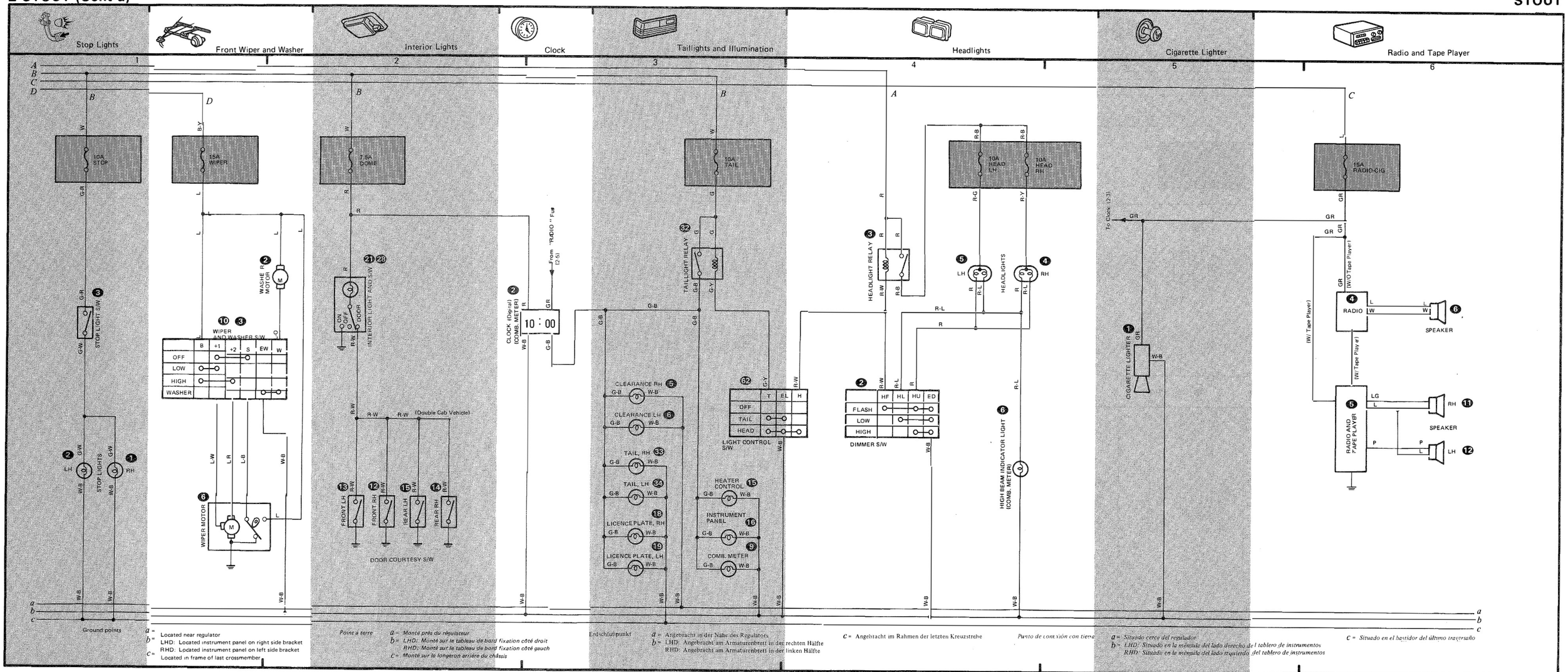


SYSTEM INDEX

STOUT — 1988 Production Vehicles (Page 1 to Page 2)

SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	1-4
Back-up Lights	1-6
Charging	1-3
Cigarette Lighter	2-5
Clock	2-3
Combination Meter	1-6
Emission Control	1-3
Front Wiper and Washer	2-1
Headlights	2-4
Horn	1-8
Ignition	1-2
Interior Lights	2-2
Power Source	1-1
Radio and Tape Player	2-6
Seat Belt Warning	1-7
Starting	1-1
Stop Lights	2-1
Taillights and Illumination	2-3
Turn Signal and Hazard	1-8


Power Source
Starting
Ignition
Charging
Emission Control
Air Conditioner, Cooler and Heater
Combination Meter
Back-up Lights
Seat Belt Warning
Turn Signal and Hazard
Horn
3 IGNITION S/W
ACC
IG
ST1
ST2
AM
2 BATTERY 12V
2 STARTER
68 FUSIBLE LINK
0.5G
0.85R
70 RESISTOR
3 IGNITION COIL
1 DISTRIBUTOR
64 NOISE FILTER
7.5A CHARGE
95 CHARGE WARNING LIGHT (COMB. METER)
4 VOLTAGE REGULATOR
1 ALTERNATOR
7.5A ENGINE
57 FUEL CUT SOLENOID
4 EMISSION CONTROL COMPUTER
75 VACUUM S/W
66 OUTER VENT CONTROL VALVE
63 NOISE FILTER
10A A/C
26 LOW PRESSURE S/W
25 IDLE-UP VSV
1 A/C AMPLIFIER
77 VOLUME S/W
74 THERMISTOR
27 MAGNET CLUTCH
20A HEATER
20 HEATER RELAY
16 BLOWER MOTOR
11 BLOWER RESISTOR
19 HEATER BLOWER S/W
OFF
15A GAUGE-TURN
FUEL
18
WATER TEMP.
39
OIL
28
BRAKE
38
CHIME S/W (Saudi Arabia)
6
CHIME (Saudi Arabia)
5
23 FUEL SENDER
40 WATER TEMP. SENDER
65 OIL PRESSURE S/W
52 BRAKE FLUID LEVEL S/W (Saudi Arabia & South Africa)
35 PARKING BRAKE S/W
5 BACK-UP LIGHT S/W
4 BACK-UP LIGHTS
3
1 BACK-UP BUZZER (Saudi Arabia)
2 SEAT BELT WARNING LIGHT (COMB. METER) (Saudi Arabia)
3 SEAT BELT WARNING RELAY (Saudi Arabia)
1 BUCKLE S/W (Saudi Arabia)
15A HAZ-HORN
3 HAZARD S/W
B1 B2 F TL TB TR
OFF
ON
TURN SIGNAL FLASHER
5
16 TURN SIGNAL S/W
TB TL TR
9 INDICATOR LH (COMB. METER)
8 INDICATOR RH (COMB. METER)
7 FRONT LH
6 FRONT RH
13 SIDE LH
12 SIDE RH
11 REAR LH
10 REAR RH
TURN SIGNAL LIGHTS
1 HORN
5 HORN S/W
Ground points
a = Located near regulator
b = LHD: Located instrument panel on right side bracket
RHD: Located instrument panel on left side bracket
c = Located in frame of last crossmember
d = LHD: Located instrument panel on left side bracket
RHD: Located instrument panel on right side bracket
Point à terre
a = Monté près du régulateur
b = LHD: Monté sur le tableau de bord fixation côté droit
RHD: Monté sur le tableau de bord fixation côté gauch
c = Monté sur le longeron arrière du châssis
d = LHD: Monté sur le tableau de bord fixation côté gauch
RHD: Monté sur le tableau de bord fixation côté droit
Erdschlußpunkt
a = Angebracht in der Nähe des Regulators
b = LHD: Angebracht am Armaturenbrett in der rechten Hälfte
RHD: Angebracht am Armaturenbrett in der linken Hälfte
c = Angebracht im Rahmen der letzten Kreuzstrebe
d = LHD: Angebracht am Armaturenbrett in der linken Hälfte
RHD: Angebracht am Armaturenbrett in der rechten Hälfte
Punto de conexión con tierra
a = Situado cerca del regulador
b = LHD: Situado en la mitad del lado derecho del tablero de instrumentos
RHD: Situado en la mitad del lado izquierdo del tablero de instrumentos
c = Situado en el bastidor del último travesaño
d = LHD: Situado en la mitad del lado izquierdo del tablero de instrumentos
RHD: Situado en la mitad del lado derecho del tablero de instrumentos



a = Located near regulator
b = LHD: Located instrument panel on right side bracket
RHD: Located instrument panel on left side bracket
c = Located in frame of last crossmember

Point à terre
a = Monté près du régulateur
b = LHD: Monté sur le tableau de bord fixation côté droit
RHD: Monté sur le tableau de bord fixation côté gauch
c = Monté sur le longeron arrière du châssis

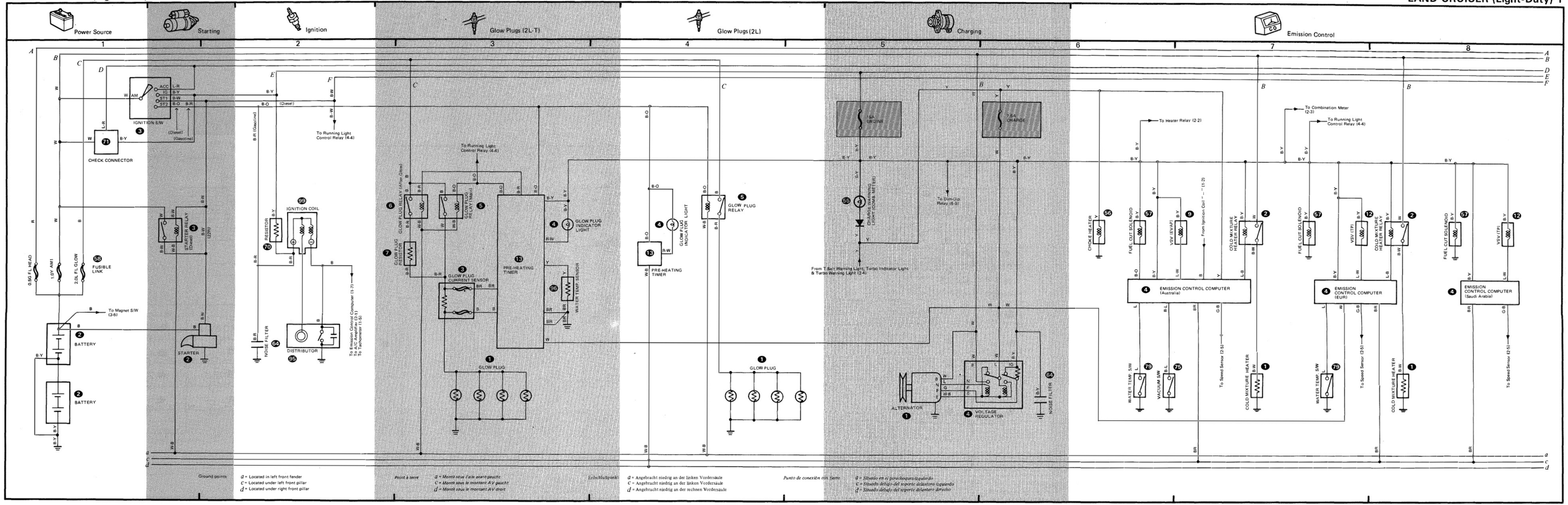
Erdschlußpunkt
a = Angebracht in der Nähe des Regulators
b = LHD: Angebracht am Armaturenbrett in der rechten Hälfte
RHD: Angebracht am Armaturenbrett in der linken Hälfte
c = Angebracht im Rahmen der letzten Kreuzstrebe

Punto de conexión con tierra
a = Situado cerca del regulador
b = LHD: Situado en la mensula del lado derecho de l tablero de instrumentos
RHD: Situado en la mensula del lado izquierdo del tablero de instrumentos
c = Situado en el bastidor del último travesaño

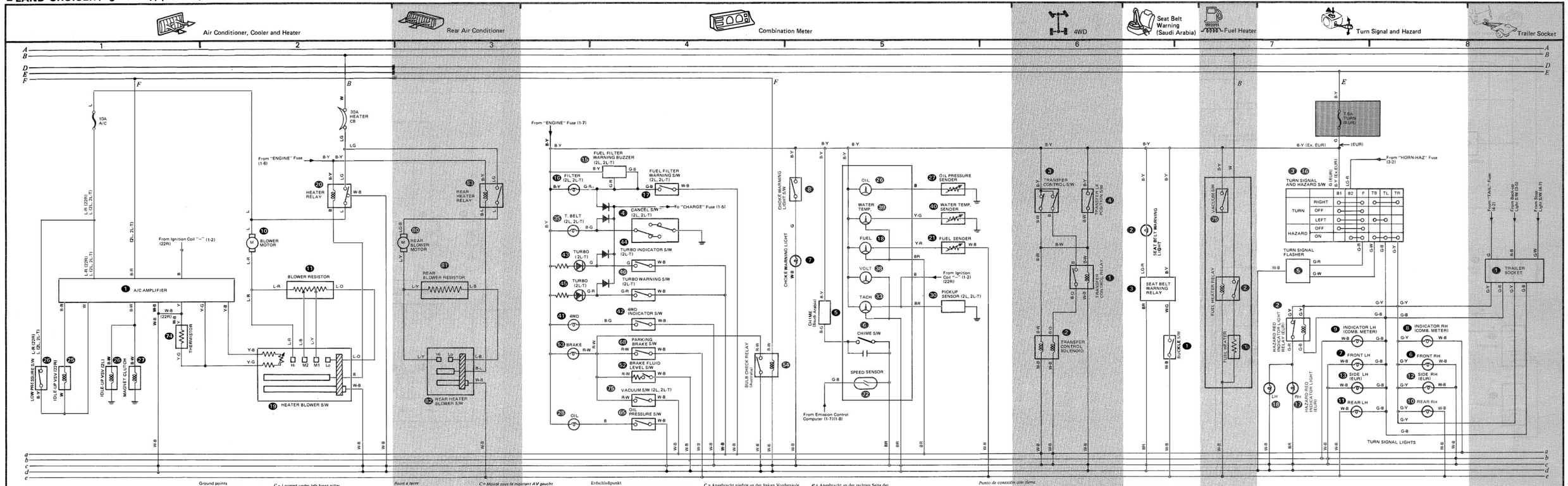
SYSTEM INDEX

LAND CRUISER (Light-Duty) 1988 Production Vehicles (Page 1 to Page 5)

SYSTEMS	LOCATION	SYSTEMS	LOCATION
Accessory Meter	3-1	Power Seat	3-8
Air Conditioner, Cooler and Heater	2-1	Power Source	1-1
Back-up Lights	3-5	Power Windows	3-7
Charging	1-5	Radio and Tape Player	5-2
Cigarette Lighter	4-8	Rear Air Conditioner	2-3
Clock	4-8	Rear Fog Lights	4-6
Combination Meter	2-4	Rear Window Defogger	3-2
Door Locks	3-8	Rear Wiper and Washer	3-4
Emission Control	1-7	Remote Control Mirrors	5-1
Fog Lights	4-1	Seat Belt Warning	2-6 (Saudi Arabia)
Front Wiper and Washer	3-3	Starting	1-1
Fuel Heater	2-7	Stop Lights	4-7
Glow Plugs	1-3 (2L-T) 1-4 (2L)	Sun Roof	3-6
Headlight Cleaner	3-4	Taillights and Illumination	4-2
Headlights	4-4 (Ex. U.K.) 5-4 (U.K.)	Trailer Socket	2-8
Horn	3-2	Turn Signal and Hazard	2-7
Ignition	1-2	Winch	3-5
Interior Lights	4-7	4WD	2-6


Power Source
Starting
Ignition
Glow Plugs (2L-T)
Glow Plugs (2L)
Charging
Emission Control
1
2
3
4
5
6
7
8
IGNITION S/W
CHECK CONNECTOR
FUSIBLE LINK
BATTERY
STARTER
STARTER RELAY (Diesel)
STARTER RELAY (2PR)
To Magnet S/W (3-6)
IGNITION COIL
RESISTOR
DISTRIBUTOR
NOISE FILTER
To Running Light Control Relay (4-4)
To Emission Control Computer (1-7)
To Tachometer (1-5)
GLOW PLUG RELAY (After Glow)
GLOW PLUG RELAY (Main)
GLOW PLUG RESISTOR
GLOW PLUG CURRENT SENSOR
PRE-HEATING TIMER
GLOW PLUG INDICATOR LIGHT
WATER TEMP. SENSOR
GLOW PLUG
GLOW PLUG RELAY
GLOW PLUG INDICATOR LIGHT
PRE-HEATING TIMER
1.5A ENGINE
7.5A CHARGE
From Dimmer Relay (5-3)
From T. Batt Warning Light, Turbo Indicator Light & Turbo Warning Light (2-4)
ALTERNATOR
VOLTAGE REGULATOR
CHOKE HEATER
FUEL CUT SOLENOID
VSV (EVAP)
From Ignition Coil "−" (1-2)
COLD MIXTURE HEATER RELAY
EMISSION CONTROL COMPUTER (Australia)
EMISSION CONTROL COMPUTER (EUR)
EMISSION CONTROL COMPUTER (Saudi Arabia)
VSV (TP)
COLD MIXTURE HEATER
WATER TEMP. S/W
VACUUM S/W
To Speed Sensor (2-5)
To Heater Relay (2-2)
To Combination Meter (2-3)
To Running Light Control Relay (4-4)
Ground points
Point à terre
Erdschlußpunkt
Punto de conexión con tierra

88 C

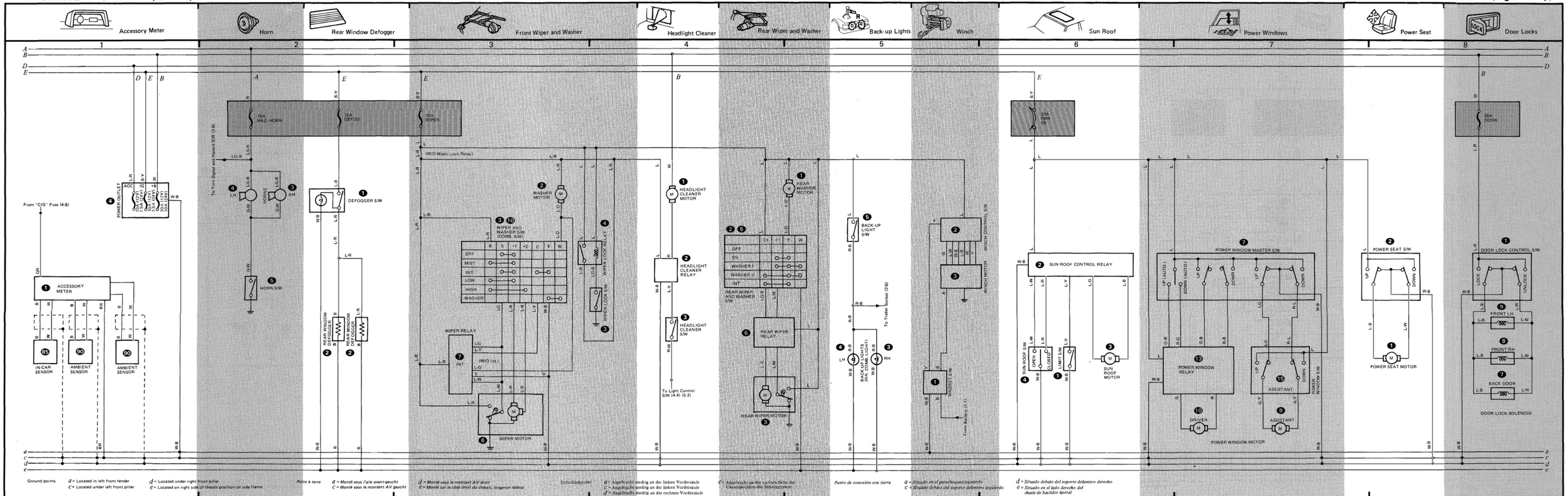


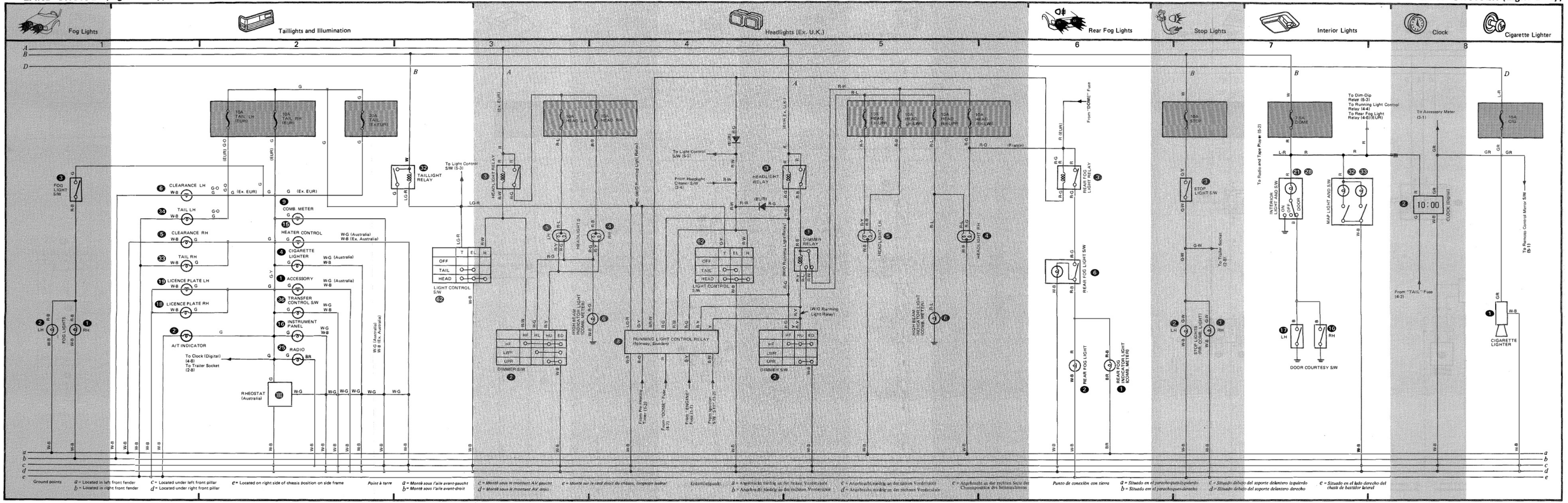
Ground points
a = Located in left front fender
b = Located in right front fender
c = Located under left front pillar
d = Located under right front pillar
e = Located on right side of chassis position on side frame

Point à terre
a = Monté sous l'aile avant gauche
b = Monté sous le montant AV droit
c = Mouté sous le montant AV gauche
d = Mounté sous le montant AV droit
e = Monté sur le côté droit du châssis, longeron latéral

Erdschlußpunkt
a = Angebracht niedrig an der linken Vordersäule
b = Angebracht niedrig an der rechen Vordersäule
c = Angebracht niedrig an der linken Vordersäule
d = Angebracht niedrig an der rechten Vordersäule
e = Angebracht an der rechten Seite der Chassisposition des Seitenrahmens

Punto de conexión con tierra
a = Situado en el parachoques-izquierdo
b = Situado en el parachoques-derecho
c = Situado debajo del montante delantero izquierdo
d = Situado debajo del montante delantero derecho
e = Situado en el lado derecho del chasis de bastidor lateral

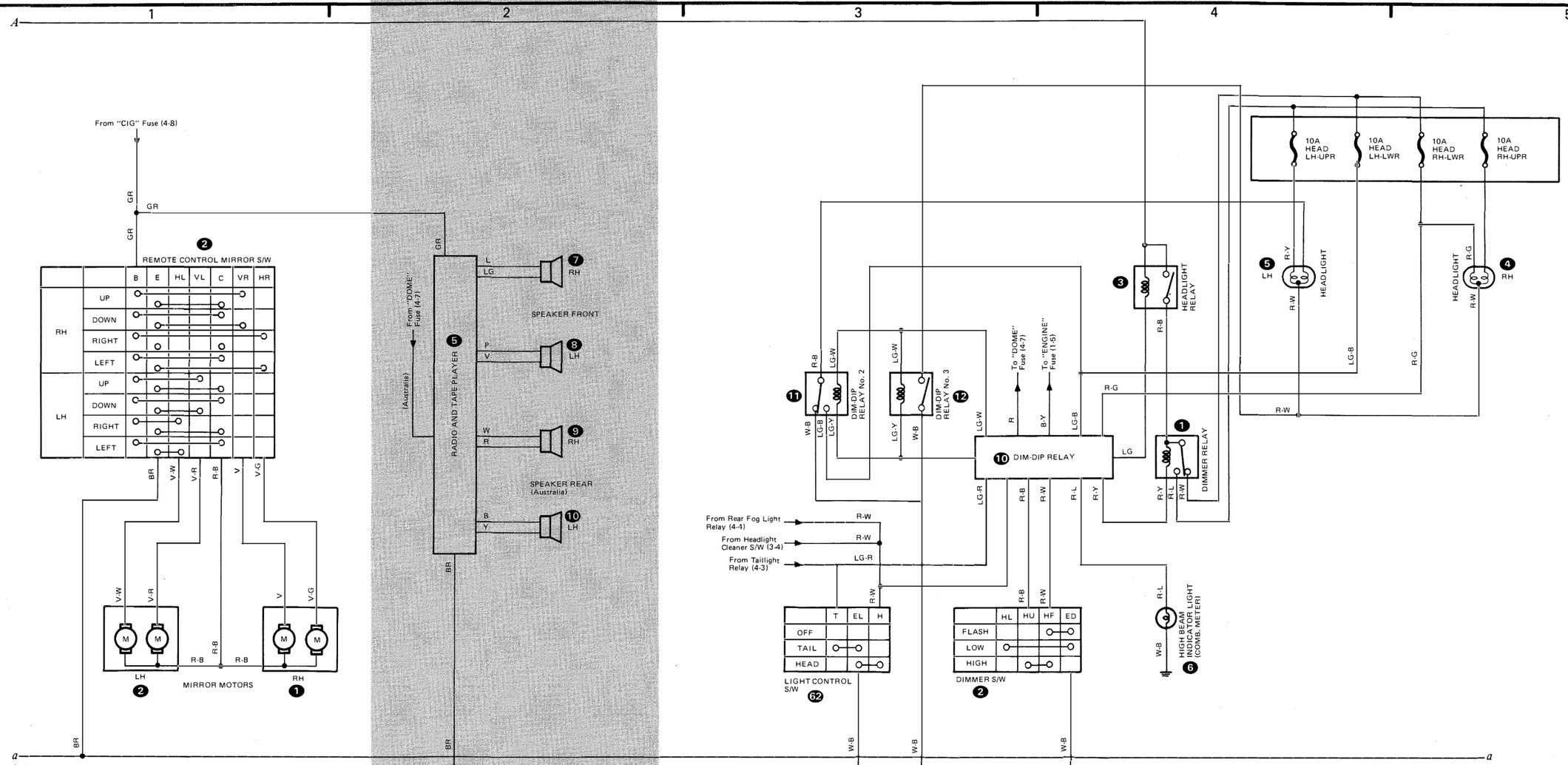

Accessory Meter
Horn
Rear Window Defogger
Front Wiper and Washer
Headlight Cleaner
Rear Wiper and Washer
Back-up Lights
Winch
Sun Roof
Power Windows
Power Seat
Door Locks
1
2
3
4
5
6
7
8
15A HAZ-HORN
15A DEFOG
20A WIPER
20A PWR OR
20A DOOR
POWER OUTLET
ACC
IG
B
From "CIG" Fuse (4-8)
To Turn Signal and Hazard S/W (2-8)
1 ACCESSORY METER
IN-CAR SENSOR
AMBIENT SENSOR
AMBIENT SENSOR
4 LH
HORNS
3 RH
5 HORN S/W
1 DEFOGGER S/W
REAR WINDOW DEFOGGER
REAR WINDOW DEFOGGER
2 WASHER MOTOR
3 10 WIPER AND WASHER S/W (COMB. S/W)
OFF
MIST
INT.
LOW
HIGH
WASHER
WIPER RELAY
7 INT
I/W (-) Int.
I/W (Int.)
WIPER LOCK RELAY
WIPER LOCK S/W
WIPER MOTOR
1 HEADLIGHT CLEANER MOTOR
2 HEADLIGHT CLEANER RELAY
3 HEADLIGHT CLEANER S/W
To Light Control S/W (4-4) (5-3)
1 REAR WASHER MOTOR
2 5 WIPER AND WASHER S/W
OFF
ON
WASHER I
WASHER II
INT
REAR WIPER AND WASHER S/W
6 REAR WIPER RELAY
REAR WIPER MOTOR
5 BACK-UP LIGHT S/W
To Trailer Socket (2-9)
4 LH
BACK-UP LIGHTS (INCL. IN TAIL LIGHT)
3 RH
1 MAGNET S/W
From Battery (1-1)
WINCH MOTOR
WINCH CONTROL S/W
2 SUN ROOF CONTROL RELAY
4 SUN ROOF S/W
OPEN
CLOSED
1 LIMIT S/W
3 SUN ROOF MOTOR
7 POWER WINDOW MASTER S/W
UP (AUTO)
DOWN (AUTO)
UP
DOWN
13 POWER WINDOW RELAY
16 ASSISTANT
10 DRIVER
9 ASSISTANT
POWER WINDOW MOTOR
2 POWER SEAT S/W
1 POWER SEAT MOTOR
1 DOOR LOCK CONTROL S/W
LOCK
UNLOCK
9 FRONT LH
8 FRONT RH
7 BACK DOOR
DOOR LOCK SOLENOID
Ground points
d = Located in left front fender
C* = Located under left front pillar
d = Located under right front pillar
e = Located on right side of chassis position on side frame
Point à terre
d = Monté sous l'aile avant-gauche
C = Monté sous le montant AV gauche
d = Monté sous le montant AV droit
e = Monté sur le côté droit du châssis, longeron latéral
Erdschlußpunkt
d = Angeliefert niedrig an der linken Vordersäule
C = Angeliefert niedrig an der linken Vordersäule
d = Angeliefert niedrig an der rechten Vordersäule
C* = Angeliefert an der rechten Seite der Chassisposition der Seitenzarge
Punto de conexión con tierra
d = Situado en el parachoques izquierdo
C = Situado debajo del soporte delantero izquierdo
d = Situado debajo del soporte delantero derecho
e = Situado en el lado derecho del chasis de bastidor lateral


Fog Lights
Taillights and Illumination
Headlights (Ex. U.K.)
Rear Fog Lights
Stop Lights
Interior Lights
Clock
Cigarette Lighter
1
2
3
4
5
6
7
8
10A TAIL LH (EUR)
10A TAIL RH (EUR)
20A TAIL (Ex.EUR)
10A HEAD LH
10A HEAD RH
10A HEAD LH-UPR
10A HEAD LH-LWR
10A HEAD RH-UPR
10A HEAD RH-LWR
10A STOP
15A DOME
15A CIG
FOG LIGHT S/W
CLEARANCE LH
TAIL LH
CLEARANCE RH
TAIL RH
LICENCE PLATE LH
LICENCE PLATE RH
A/T INDICATOR
COMB. METER
HEATER CONTROL
CIGARETTE LIGHTER
ACCESSORY
TRANSFER CONTROL S/W
INSTRUMENT PANEL
RADIO
RHEOSTAT (Australia)
TAILLIGHT RELAY
To Light Control S/W (5-3)
HEADLIGHT RELAY
DIMMER RELAY
LIGHT CONTROL S/W
DIMMER S/W
RUNNING LIGHT CONTROL RELAY (Norway, Sweden)
W/O Running Light Relay
REAR FOG LIGHT RELAY
REAR FOG LIGHT S/W
REAR FOG LIGHT
REAR FOG INDICATOR LIGHT (COMBI. METER)
STOP LIGHT S/W
STOP LIGHT
To Trailer Socket (2-8)
To Radio and Tape Player (6-2)
To Dim-Dip Relay (5-3)
To Running Light Control Relay (4-4)
To Rear Fog Light Relay (4-6) (EUR)
INTERIOR LIGHT AND S/W
MAP LIGHT AND S/W
DOOR COURTESY S/W
To Accessory Meter (3-1)
CLOCK (Digital)
To Remote Control Mirror S/W (5-1)
CIGARETTE LIGHTER
From "DOME" Fuse
From "TAIL" Fuse (4-2)
From "HEAD" Fuse
From "ENGINE" Fuse (4-1)
From Ignition S/W "ST1" (5-2)
From Headlight Dimmer S/W (3-4)
From Parking Brake Tower (5-3)
To Clock (Digital) (4-8)
To Trailer Socket (2-8)
Ground points
a = Located in left front fender
b = Located in right front fender
c = Located under left front pillar
d = Located under right front pillar
e = Located on right side of chassis position on side frame
Point à terre
a = Monté sous l'aile avant gauche
b = Monté sous l'aile avant droit
c = Monté sous le montant AV gauche
d = Monté sous le montant AV droit
e = Monté sur le côté droit du châssis, longeron latéral
Erdungspunkte
a = Angebracht rechts an der linken Vorderseite
b = Angebracht rechts an der rechten Vorderseite
c = Angebracht links an der linken Vorderseite
d = Angebracht links an der rechten Vorderseite
e = Angebracht an der rechten Seite des Chassispositions des Seitenrahmens
Punto de conexión con tierra
a = Situado en el parachoques izquierdo
b = Situado en el parachoques derecho
c = Situado debajo del soporte delantero izquierdo
d = Situado debajo del soporte delantero derecho
e = Situado en el lado derecho del chasis de bastidor lateral

Remote Control Mirrors

Radio and Tape Player

Headlights (U.K.)



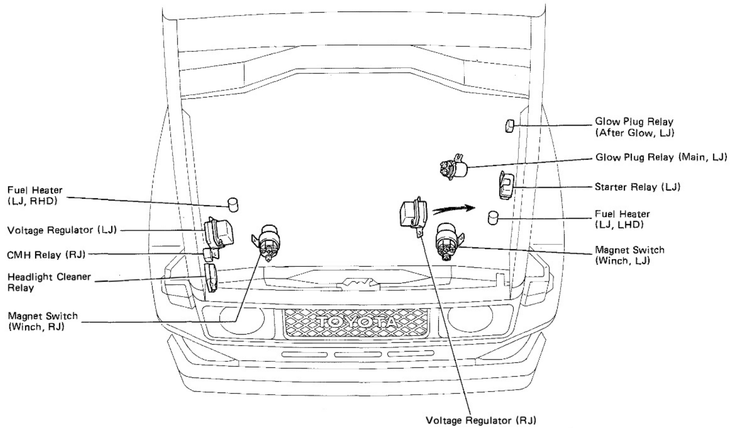
Ground points
a = Located in left front fender
c = Located under left front pillar

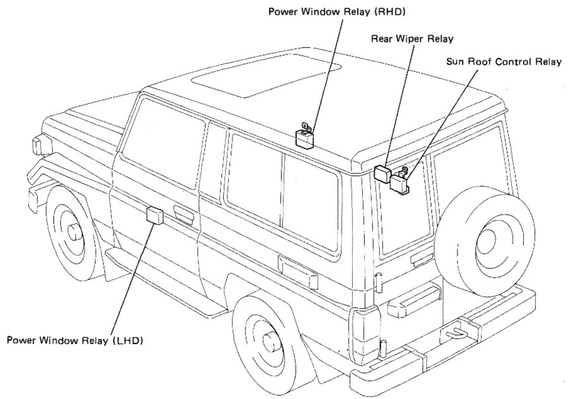
Point à terre
a = Monté sous l'aile avant-gauche
c = Monté sous le montant AV gaucht

Erdschlußpunkt
a = Angebracht niedrig an der linken Vordersäule
c = Angebracht niedrig an der linken Vordersäule

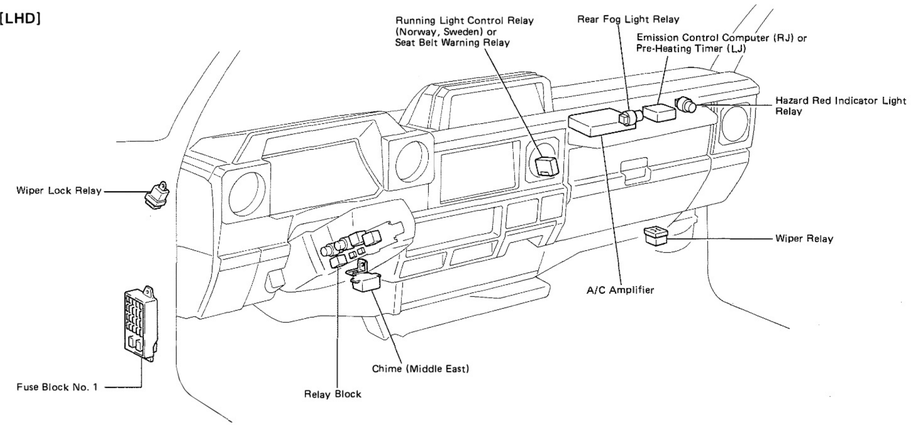
Punto de conexión con tierra
a = Situado en el parachoques-izquierdo
c = Situado debajo del soporte delantero izquierdo

LAND CRUISER (Light-Duty) RELAY LOCATIONS

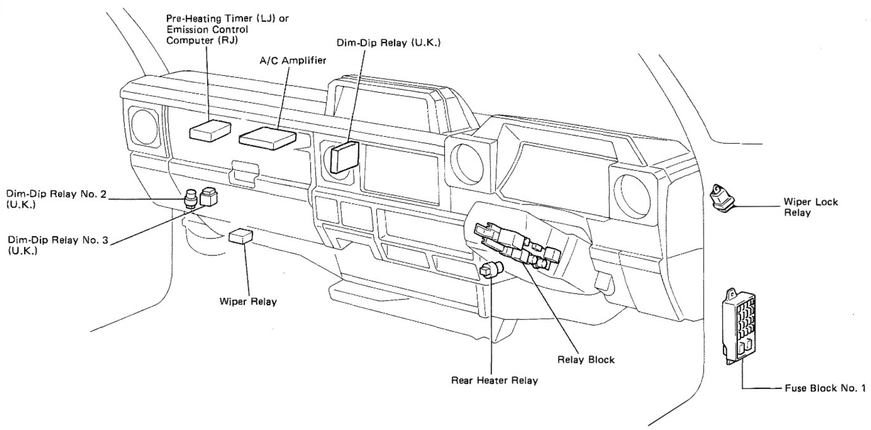




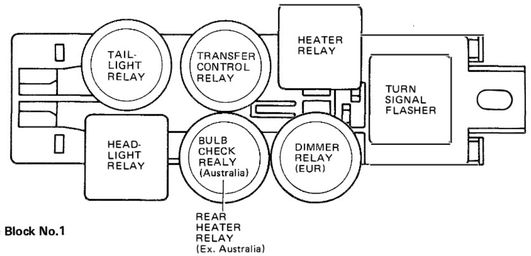
[LHD]



[RHD]

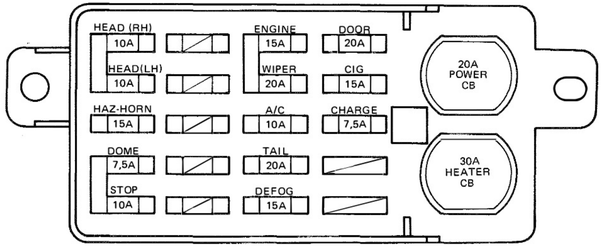


Relay Block

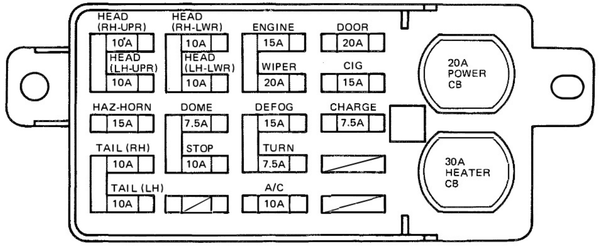


Fuse Block No.1

[Ex. EUR]



[EUR]

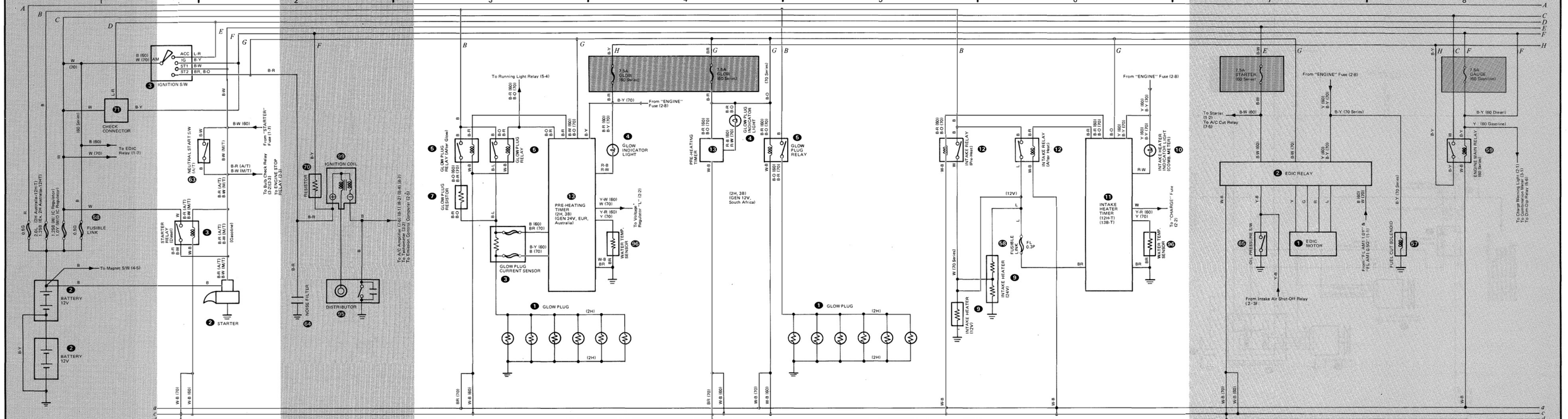


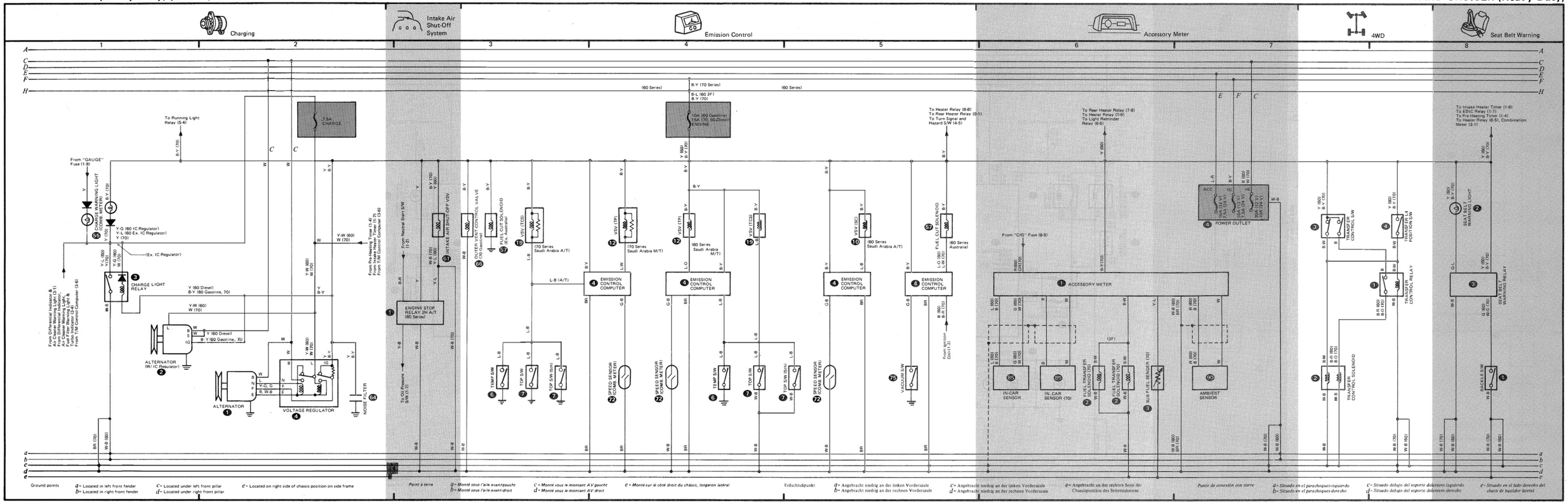
SYSTEM INDEX

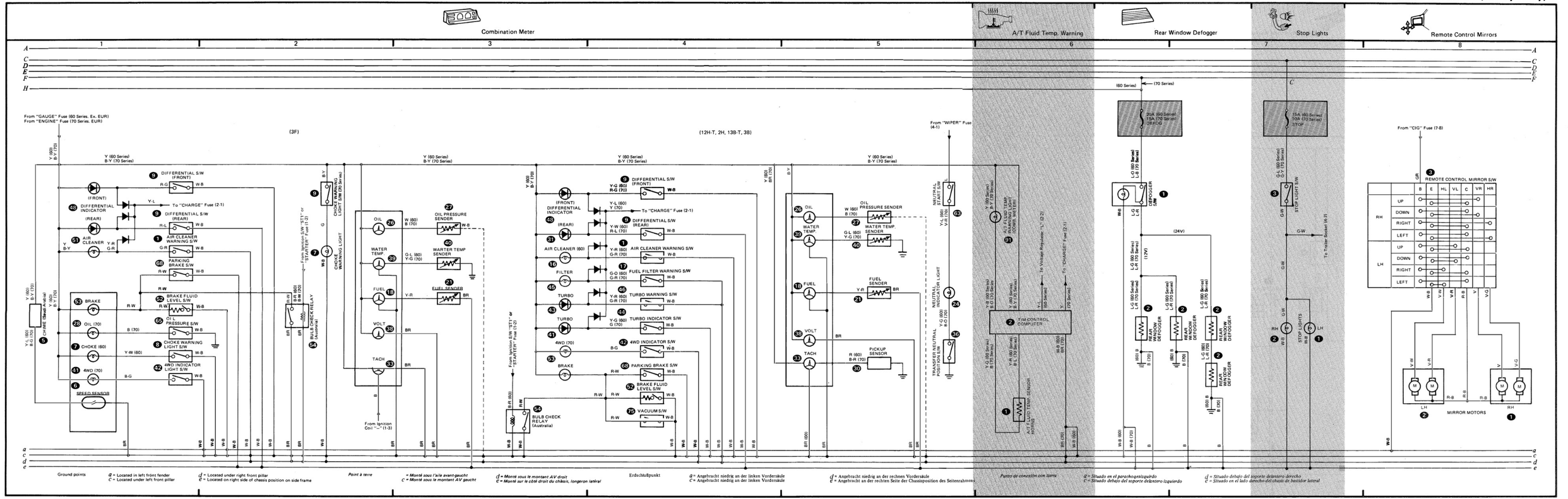
LAND CRUISER (Heavy-Duty) 1988 Production Vehicles (Page 1 to Page 9)

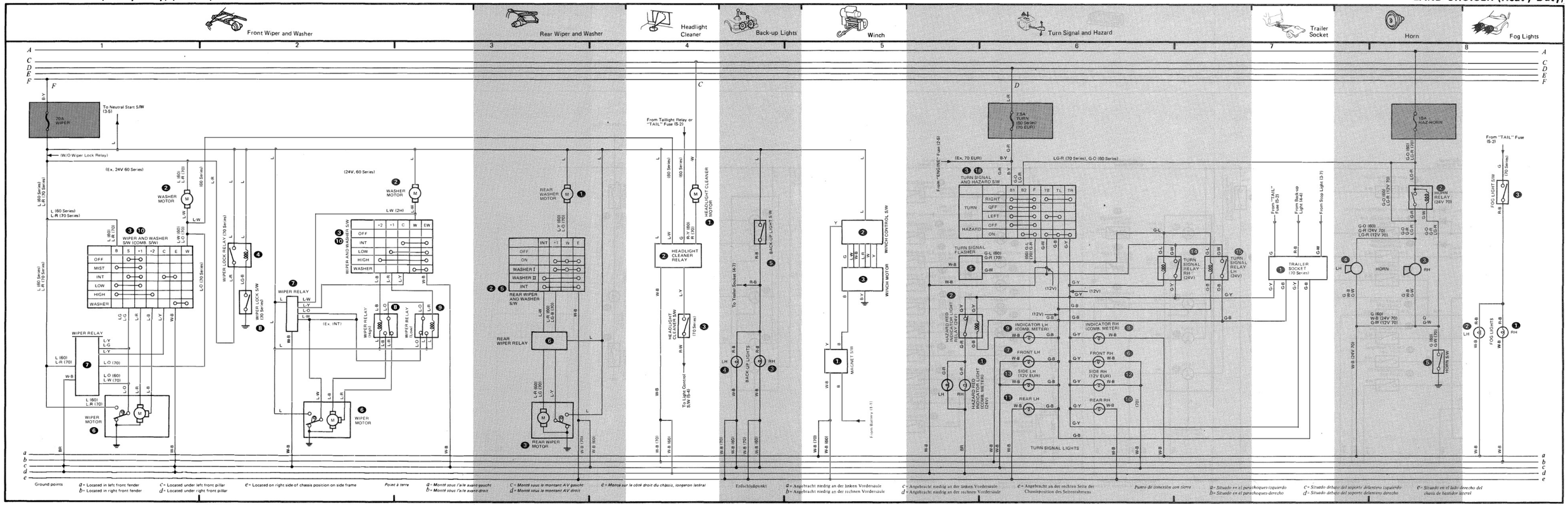
SYSTEMS	LOCATION
Accessory Meter	2-6
Air Conditioner, Cooler and Heater	7-6 (60 Series) 8-2 (60 Series) 8-4 (70 Series) (Ex. Saudi Arabia, Australia) 8-7 (70 Series) (Saudi Arabia, Australia)
Auto Antenna	7-1
A/T Fluid Temp. Warning	3-6
Back-up Lights	4-4
Charging	2-2
Cigarette Lighter	6-8
Clock	6-8
Combination Meter	3 3
Cool and Hot Box	7-4
Door Locks	6-5
EDIC	1-7
Emission Control	2-4
Fog Lights	4-8
Front Wiper and Washer	4-2
Glow Plugs	1-4
Headlight Cleaner	4-4
Headlights	5-5
Horn	4-8
Ignition	1-2
Intake Air Shut-off System	2-3
Interior Lights	6-7
Light Reminder	6-6
Power Seats	6-4
Power Source	1-1
Power Windows	6-3
Radio and Tape Player	7-2
Rear Air Conditioner	7-8 (60 Series) 8-6 (70 Series) 9-1 (70 Series)
Rear Fog Lights	5-8
Rear Window Defogger	3-6
Rear Wiper and Washer	4-3
Remote Control Mirrors	3-8
Seat Belt Warning	2-8
Starting	1-1
Stop Lights	3-7
Sun Roof	6-1
Taillights and Illumination	5-2
Trailer Socket	4-7
Turn Signal and Hazard	4-6
Winch	4-5
4WD	2-7

Power Source | Starting | Ignition | Glow Plugs | EDIC




Charging
Intake Air Shut-Off System
Emission Control
Accessory Meter
4WD
Seat Belt Warning
1
2
3
4
5
6
7
8
A
C
D
E
F
H
a
b
c
d
e
To Running Light Relay (5-4)
7.5A CHARGE
From "GAUGE" Fuse (1-8)
CHARGE WARNING LIGHT (GAUGE METER)
Y-G (60 IC Regulator)
Y-L (60 Ex. IC Regulator)
Y (70)
(Ex. IC Regulator)
CHARGE LIGHT RELAY
Y (60 Diesel)
B-Y (60 Gasoline, 70)
Y-W (60)
W (70)
B-Y (70)
W-B (60)
From Differential Indicator & Parking Brake Switch (5-3), From Differential Indicator, Parking Brake Switch & Fuel Filter Warning Light & Fuel Filter Switch (5-4), From T/M Control Computer (3-6)
ALTERNATOR (W/ IC Regulator)
B - Y (60 Gasoline, XJ)
ALTERNATOR
W-G, G
R, W-B
VOLTAGE REGULATOR
NOISE FILTER
From Pre-Heating Timer (1-4), From Starter Relay (1-7), From T/M Control Computer (3-6)
From Neutral Start S/W (1-2)
ENGINE STOP RELAY 2H-A/T (60 Series)
To Oil Pressure S/W (1-7)
INTAKE AIR SHUT-OFF VSV
OUTER VENT CONTROL VALVE (Aust.)
FUEL CUT SOLENOID (Ex. Australia)
VSV (TCS)
170 Series Saudi Arabia A/T
L-B (A/T)
EMISSION CONTROL COMPUTER
TEMP. SW
TOP S/W
TOP S/W (5th)
SPEED SENSOR (TCS, METER)
VSV (TP)
170 Series Saudi Arabia M/T
160 Series Saudi Arabia M/T
VSV (EC)
160 Series Saudi Arabia A/T
160 Series Australia
VACUUM S/W
From Ignition Coil (4-3)
To Heater Relay (8-8)
To Rear Heater Relay (9-1)
To Turn Signal and Hazard S/W (4-5)
To Rear Heater Relay (7-8)
To Light Reminder Relay (6-6)
From "CIG" Fuse (6-8)
ACCESSORY METER
IN-CAR SENSOR
IN-CAR SENSOR (70)
FUEL TRANSFER SOLENOID (70)
SUB FUEL SENSOR (70)
AMBIENT SENSOR
POWER OUTLET
TRANSFER CONTROL S/W
TRANSFER POSITION S/W
TRANSFER CONTROL RELAY
TRANSFER CONTROL SOLENOID
To Intake Heater Timer (1-6)
To EDIC Relay (1-7)
To Pre-Heating Timer (1-4)
To Heater Relay (6-5), Combination Meter (3-1)
SEAT BELT WARNING LIGHT
SEAT BELT WARNING RELAY
BUCKLE S/W
Ground points
a= Located in left front fender
b= Located in right front fender
c= Located under left front pillar
d= Located under right front pillar
e= Located on right side of chassis position on side frame
Point à terre
a= Monté sous l'aile avant gauche
b= Monté sous l'aile avant droit
c= Monté sous le montant AV gauche
d= Monté sous le montant AV droit
e= Monté sur le côté droit du châssis, longeron latéral
Erdschlußpunkt
a= Angebracht niedrig an der linken Vordersäule
b= Angebracht niedrig an der rechnen Vordersäule
c= Angebracht niedrig an der linken Vordersäule
d= Angebracht niedrig an der rechnen Vordersäule
e= Angebracht an der rechten Seite der Chassisposition des Seitenrahmens
Punto de conexión con tierra
a= Situado en el parachoques-izquierdo
b= Situado en el parachoques-derecho
c= Situado debajo del soporte delantero izquierdo
d= Situado debajo del soporte delantero derecho
e= Situado en el lado derecho del chasis de bastidor lateral

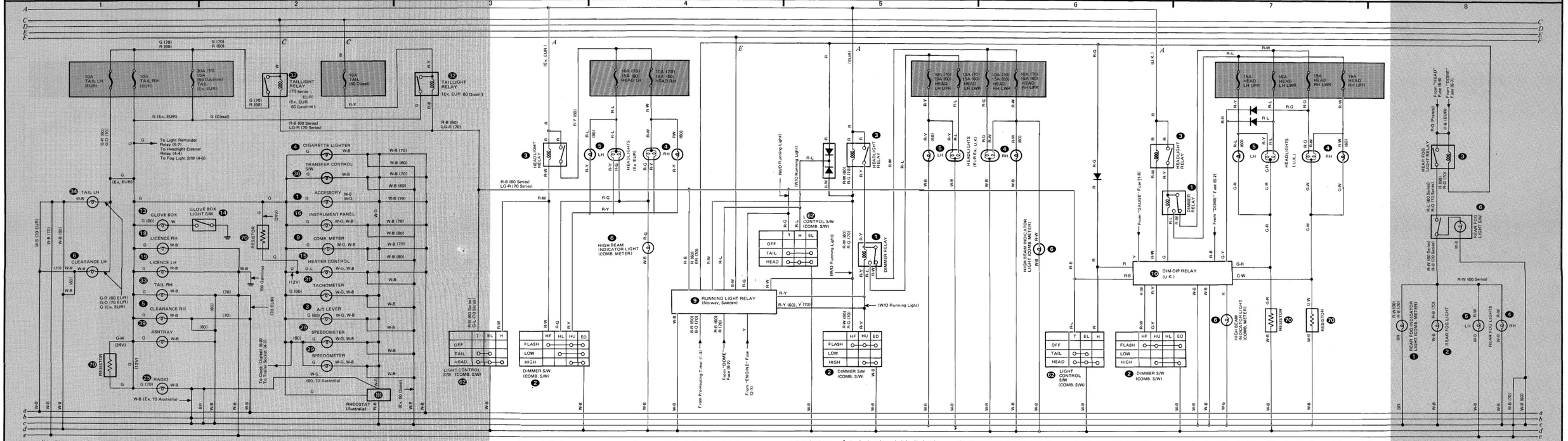

Combination Meter
A/T Fluid Temp. Warning
Rear Window Defogger
Stop Lights
Remote Control Mirrors
1
2
3
4
5
6
7
8
A
C
D
E
F
H
(3F)
(12H-T, 2H, 13B-T, 3B)
From "GAUGE" Fuse (60 Series, Ex. EUR)
From "ENGINE" Fuse (70 Series, EUR)
From "WIPER" Fuse (4-1)
From "CIG" Fuse (7-B)
Y (60) B-Y (70)
Y (60) B-Y (70) Series
DIFFERENTIAL S/W (FRONT)
DIFFERENTIAL INDICATOR (REAR)
AIR CLEANER WARNING S/W
PARKING BRAKE S/W
BRAKE FLUID LEVEL S/W
OIL PRESSURE S/W
CHOKE WARNING LIGHT S/W
4WD INDICATOR LIGHT S/W
SPEED SENSOR
BRAKE
OIL (70)
CHOKE (60)
4WD (70)
CHIME (Beep Alarm)
To "CHARGE" Fuse (2-1)
From Ignition S/W "ST1" or "STARTER" Fuse (1-2)
CHOKE WARNING LIGHT (EM-70 Series)
BULB CHECK RELAY (Australia)
From Ignition Coil "–" (1-3)
OIL
WATER TEMP.
FUEL
VOLT
TACH
OIL PRESSURE SENDER
WARTER TEMP SENDER
FUEL SENDER
FILTER
TURBO
FUEL FILTER WARNING S/W
TURBO WARNING S/W
TURBO INDICATOR S/W
4WD INDICATOR S/W
VACUUM S/W
NEUTRAL START SWITCH
NEUTRAL START INDICATOR LIGHT
TRANSFER NEUTRAL POSITION SW
PICKUP SENSOR
A/T FLUID TEMP. SENSOR
A/T FLUID TEMP. WARNING LIGHT (COMB. METER)
To Voltage Regulator "L" (2-2)
TIM CONTROL COMPUTER
A/T Fluid Temp. Sensor Horns
20A (60 Series) 15A (70 Series) DEFOG
15A (60 Series) 10A (70 Series) STOP
DEFOGGER S/W
REAR WINDOW DEFOGGER
REAR DOOR DEFOGGER
STOP LIGHT S/W
To Trailer Socket (4-7)
STOP LIGHTS
REMOTE CONTROL MIRROR S/W
MIRROR MOTORS
UP
DOWN
RIGHT
LEFT
RH
LH
B
E
HL
VL
C
VR
HR
(24V)
(12V)
Ground points
a = Located in left front fender
c = Located under left front pillar
d = Located under right front pillar
e = Located on right side of chassis position on side frame
Point à terre
= Monté sous l'aile avant-gauche
c = Monté sous le montant AV gauche
d = Monté sous le montant AV droit
e = Monté sur le côté droit du châssis, longeron latéral
Erdschlußpunkt
a = Angebracht niedrig an der linken Vordersäule
c = Angebracht niedrig an der linken Vordersäule
d = Angebracht niedrig an der rechten Vordersäule
e = Angebracht an der rechten Seite der Chassisposition des Seitenrahmens
Punto de conexión con tierra
a = Situado en el parachoques izquierdo
c = Situado debajo del soporte delantero izquierdo
d = Situado debajo del soporte delantero derecho
e = Situado en el lado derecho del chasis de bastidor lateral

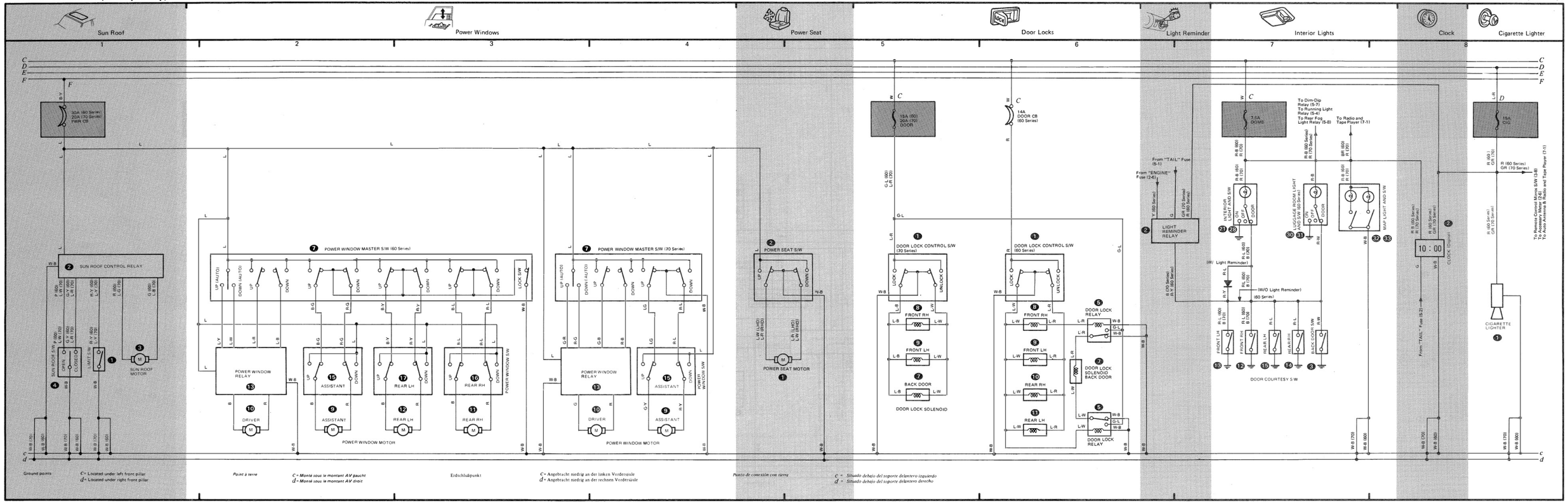

Front Wiper and Washer
Rear Wiper and Washer
Headlight Cleaner
Back-up Lights
Winch
Turn Signal and Hazard
Trailer Socket
Horn
Fog Lights
1
2
3
4
5
6
7
8
A
C
D
E
F
a
b
c
d
e
20A WIPER
To Neutral Start S/W (3-5)
(W/O Wiper Lock Relay)
(Ex. 24V 60 Series)
(24V, 60 Series)
WASHER MOTOR
L-W (2H)
WIPER AND WASHER S/W (COMB. S/W)
B S +1 +2 C E W
OFF
MIST
INT
LOW
HIGH
WASHER
WIPER LOCK RELAY (70 Series)
WIPER LOCK S/W (70 Series)
WIPER RELAY
(Ex. INT)
WIPER RELAY (High)
WIPER RELAY (Low)
WIPER MOTOR
REAR WASHER MOTOR
L-Y (60) L-O (70)
REAR WIPER AND WASHER S/W
OFF
ON
WASHER I
WASHER II
INT
REAR WIPER RELAY
L-R (60) L-O (70)
REAR WIPER MOTOR
From Taillight Relay or "TAIL" Fuse (5-2)
HEADLIGHT CLEANER MOTOR
HEADLIGHT CLEANER RELAY
HEADLIGHT CLEANER S/W
To L Light Control S/W (5-4)
To Trailer Socket (4-7)
BACK-UP LIGHT S/W
BACK-UP LIGHTS
WINCH CONTROL S/W
WINCH MOTOR
MAGNET S/W
From Battery (1-1)
7.5A TURN (60 Series) (70 EUR)
(Ex. 70 EUR)
From "ENGINE" Fuse (2-5)
TURN SIGNAL AND HAZARD S/W
RIGHT
OFF
LEFT
HAZARD
TURN SIGNAL FLASHER
HAZARD RELAY (70 Series)
HAZARD AND TURN SIGNAL FLASHER (COMB. METER) (24V)
TURN SIGNAL RELAY RH (24V)
TURN SIGNAL RELAY LH (24V)
INDICATOR LH (COMB. METER)
INDICATOR RH (COMB. METER)
FRONT LH
FRONT RH
SIDE LH (12V EUR)
SIDE RH (12V EUR)
REAR LH
REAR RH
TURN SIGNAL LIGHTS
From "TAIL" Fuse (5-2)
From Back-up Light (4-4)
From Stop Light (3-7)
TRAILER SOCKET (70 Series)
15A HAZ-HORN
HORN RELAY (24V 70)
HORN
HORN S/W
From "TAIL" Fuse (5-2)
FOG LIGHT S/W
FOG LIGHTS
Ground points
a= Located in left front fender
b= Located in right front fender
c= Located under left front pillar
d= Located under right front pillar
e= Located on right side of chassis position on side frame
Point à terre
a= Monté sous l'aile avant-gauche
b= Monté sous l'aile avant-droit
c= Monté sous le montant AV gauche
d= Monté sous le montant AV droit
e= Monté sur le côté droit du châssis, longeron latéral
Erdschlußpunkt
a= Angebracht niedrig an der linken Vordersäule
b= Angebracht niedrig an der rechnen Vordersäule
c= Angebracht niedrig an der linken Vordersäule
d= Angebracht niedrig an der rechnen Vordersäule
e= Angebracht an der rechten Seite der Chassisposition des Seitenrahmens
Punto de conexión con tierra
a= Situado en el parachoques-izquierdo
b= Situado en el parachoques-derecho
c= Situado debajo del soporte delantero izquierdo
d= Situado debajo del soporte delantero derecho
e= Situado en el lado derecho del chasis de bastidor lateral

Taillights and Illumination

Headlights

Rear Fog Lights




Sun Roof
Power Windows
Power Seat
Door Locks
Light Reminder
Interior Lights
Clock
Cigarette Lighter
1
2
3
4
5
6
7
8
30A (60 Series)
20A (70 Series)
PWR CB
SUN ROOF CONTROL RELAY
SUN ROOF S/W
OPEN
CLOSED
LIMIT S/W
SUN ROOF MOTOR
POWER WINDOW MASTER S/W (60 Series)
POWER WINDOW MASTER S/W (70 Series)
POWER WINDOW RELAY
ASSISTANT
DRIVER
REAR LH
REAR RH
POWER WINDOW MOTOR
POWER SEAT S/W
POWER SEAT MOTOR
15A (60)
20A (70)
DOOR
14A
DOOR CB
(60 Series)
DOOR LOCK CONTROL S/W
(70 Series)
(60 Series)
FRONT RH
FRONT LH
BACK DOOR
REAR RH
REAR LH
DOOR LOCK SOLENOID
DOOR LOCK RELAY
DOOR LOCK SOLENOID BACK DOOR
From "TAIL" Fuse (5-1)
From "ENGINE" Fuse (2-6)
LIGHT REMINDER RELAY
7.5A
DOME
To Dim-Dip Relay (5-7)
To Running Light Relay (5-4)
To Rear Fog Light Relay (5-8)
To Radio and Tape Player (7-1)
INTERIOR LIGHT AND S/W
LUGGAGE ROOM LIGHT AND S/W (60 Series)
MAP LIGHT AND S/W
DOOR COURTESY S/W
(W/ Light Reminder)
(W/O Light Reminder)
15A
CIG
CLOCK (Option)
CIGARETTE LIGHTER
From "TAIL" Fuse (5-2)
To Remote Control Mirrors S/W (3-8)
To Accessory Relay (3-6)
To Accessories, Radio and Tape Player (7-1)
Ground points
C= Located under left front pillar
D= Located under right front pillar
Point à terre
C= Monté sous le montant AV gauche
D= Monté sous le montant AV droit
Erdschlußpunkt
C= Angebracht niedrig an der linken Vordersäule
D= Angebracht niedrig an der rechnen Vordersäule
Punto de conexión con tierra
C = Situado debajo del soporte delantero izquierdo
D = Situado debajo del soporte delantero derecho

Auto Antenna

Radio and Tape Player

Cool and Hot Box

Air Conditioner, Cooler and Heater (60 Series)

Rear Air Conditioner (60 Series)

1 2 3 4 5 6 7 8

C
D
E
F

From "CIG" Fuse (6-8)

R (60 Series)
GR (70 Series)

ANTENNA MOTOR S/W

ANTENNA MOTOR

From "DOME" Fuse (6-7)

DC-DC CONVERTER

24V → 12V

GR (12V)

L-Y (12V)

RADIO AND TAPE PLAYER

RADIO

SPEAKER

P (RHD)
LG (LHD)

FRONT LH SPEAKER

FRONT RH SPEAKER

REAR LH SPEAKER

REAR RH SPEAKER

RADIO AND TAPE PLAYER (60 Series)

POWER AMPLIFIER

WOOFER SPEAKER

From "A/C" Fuse (7-7)

MOTOR

COOL AND HOT BOX S/W

AMPLIFIER

THERMISTOR

From "ENGINE" Fuse (2-6)

30A HEATER CB

From "STARTER" Fuse (1-7)

To A/C S/W (8-2)

10A A/C

To Amplifier (7-4)

To "A/C" Fuse (8-1)

HEATER RELAY

BLOWER MOTOR

BLOWER RESISTOR

HEATER BLOWER S/W

A/C CUT RELAY (Diesel)

A/C S/W (Diesel)

MAGNET CLUTCH

A/C S/W

IDLE UP VSV (Gasoline)

MAGNET CLUTCH RELAY

LOW PRESSURE S/W

MAGNETIC VALVE, FRONT

MAGNETIC VALVE, REAR

A/C AMPLIFIER (3F, 12H-T, 2H)

From Ignition Coil "–" (1-3)

VOLUME S/W, FRONT (W/Boot Vent)

(W/O Boot Vent)

THERMISTOR, FRONT

THERMISTOR, REAR

VOLUME S/W, REAR

20A REAR A/C

From "ENGINE" Fuse (2-6)

REAR COOLER RELAY

REAR BLOWER MOTOR

REAR BLOWER RESISTOR

REAR HEATER BLOWER S/W

Ground points

C = Located under left front pillar
D = Located under right front pillar

Point à terre

C = Monté sous le montant AV gauche
D = Monté sous le montant AV droit

Erdschlußpunkt

C = Angebracht niedrig an dir linken Vordersäule
D = Angebracht niedrig an dir rechnen Vordersäule

Punto de conexión con tierra

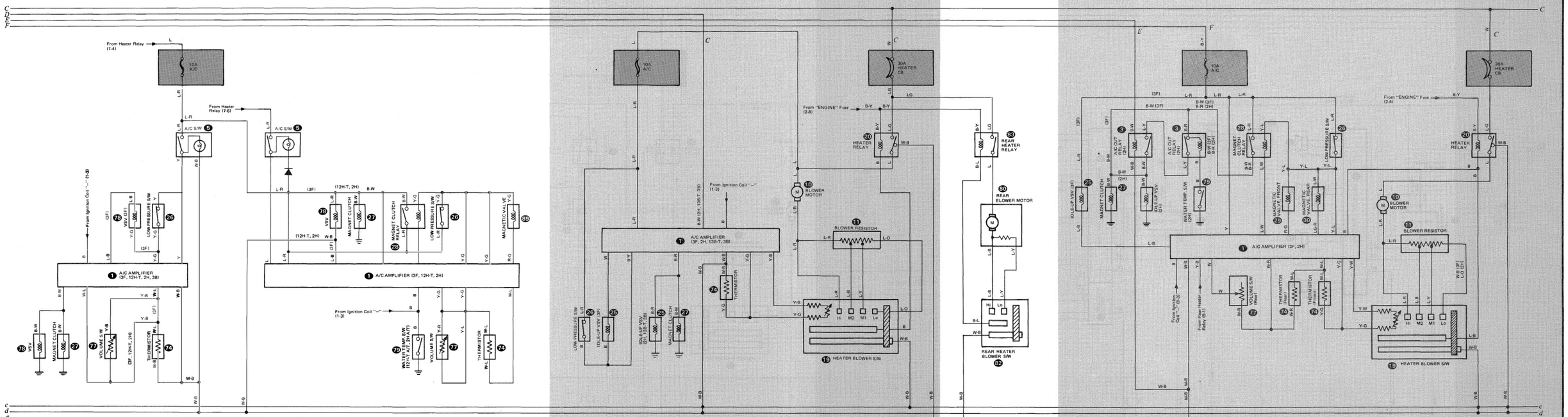
C = Situado debajo del soporte delantero izquierdo
D = Situado debajo del soporte delantero derecho

Air Conditioner, Cooler and Heater (60 Series)

Air Conditioner, Cooler and Heater (70 Series) (Ex. Saudi Arabia, Australia)

Rear Air Conditioner (70 Series)

Air Conditioner, Cooler and Heater (70 Series) (Saudi Arabia, Australia)



Ground points

c = Located under left front pillar
d = Located under right front pillar
e = Located on right side of chassis position on side frame

Point à terre

c = Monté sous le montant A.V gauche
d = Monté sous le montant A.V droit
e = Monté sur le côté droit du châssis, longeron latéral

Erdschlußpunkt

c = Angebracht niedrig an der linken Vordersäule
d = Angebracht niedrig an der rechten Vordersäule
e = Angebracht an der rechten Seite der Chassisposition des Seitenrahmens

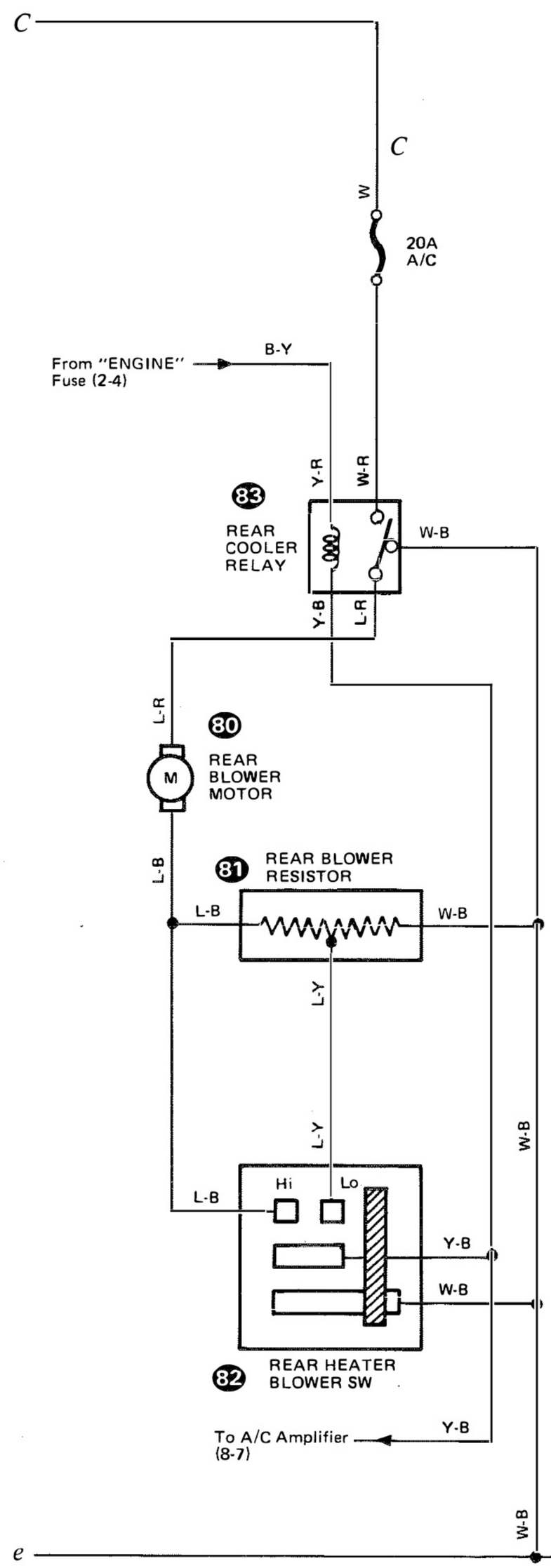
Punto de conexión con tierra

c = Situado debajo del soporte delantero izquierdo
d = Situado debajo del soporte delantero derecho
e = Situado en el lado derecho del chasis de bastidor lateral



Rear Air Conditioner (70 Series)

62
88 C



Ground points

e = Located on right side of chassis position on side frame

Point à terre

e = *Monté sur le côté droit du châssis, longeron latéral*

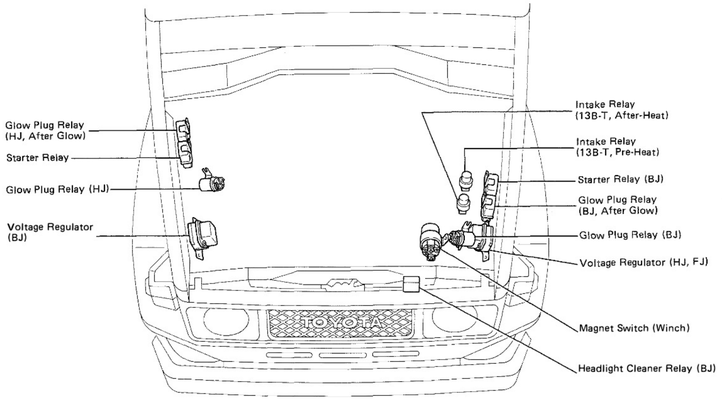
Erdschlußpunkt

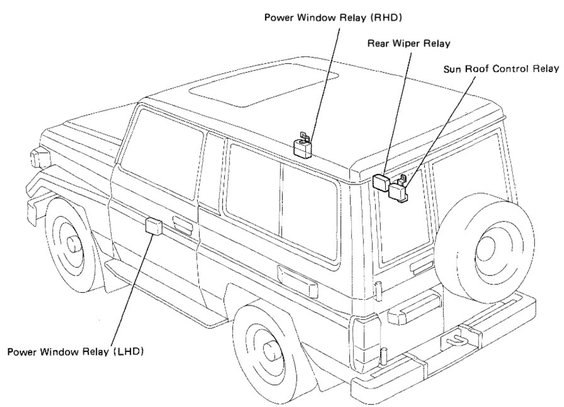
e = Angebracht an der rechten Seite der Chassisposition des Seitenrahmens

Punto de conexión con tierra

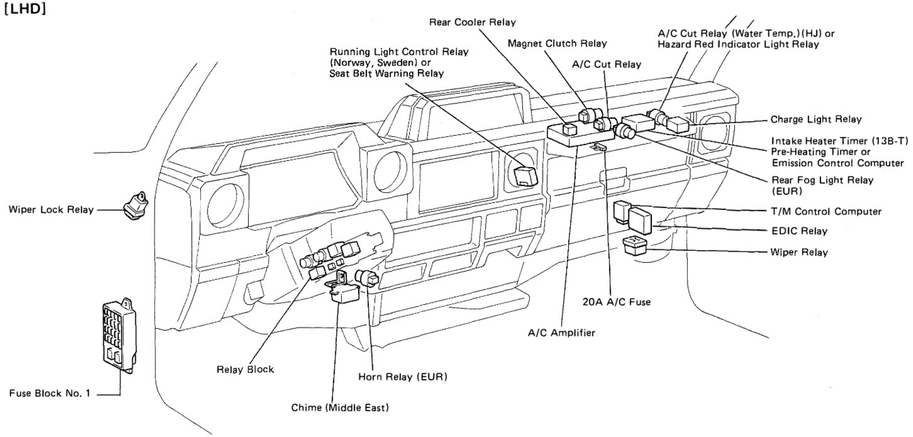
e = *Situado en el lado derecho del chasis de bastidor lateral*

LAND CRUISER (Heavy-Duty) 70 RELAY LOCATIONS

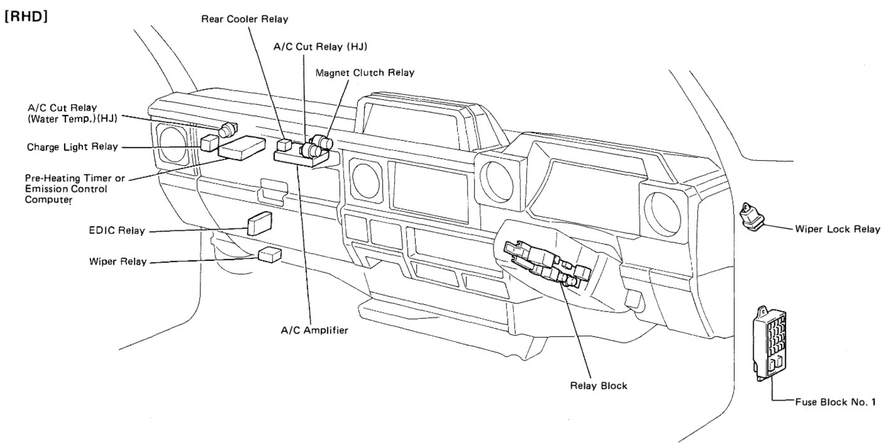




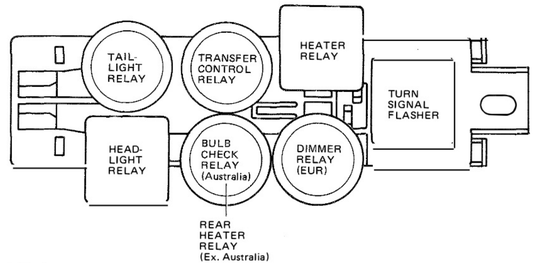
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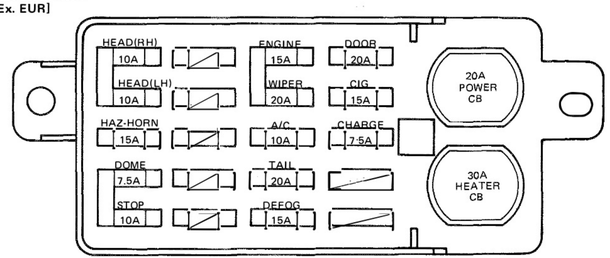
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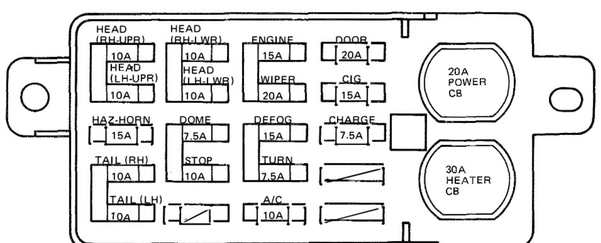
Relay Block



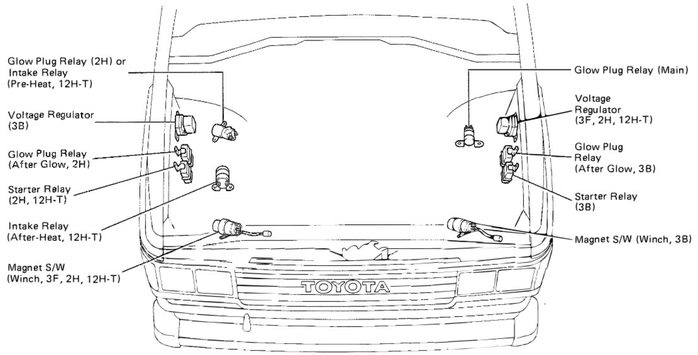
Fuse Block No. 1
[Ex. EUR]

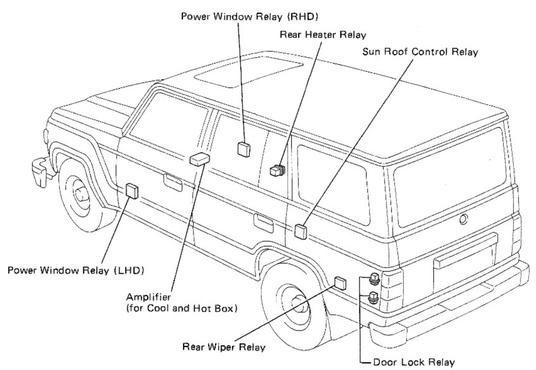


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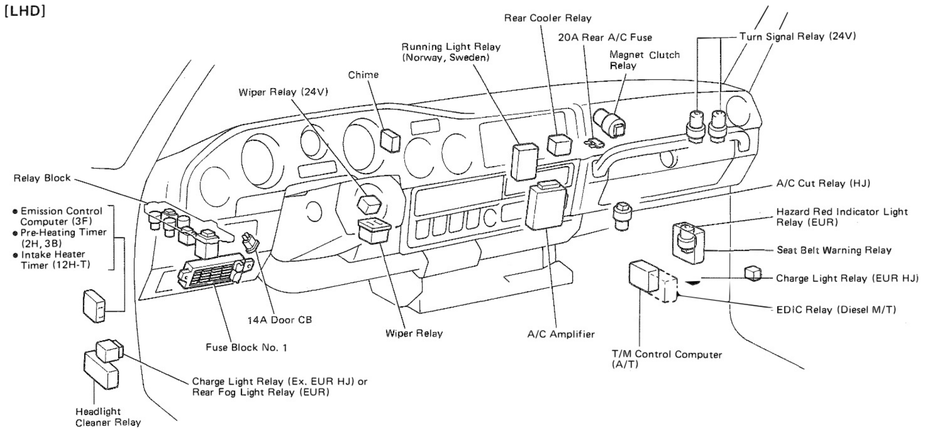


LAND CRUISER (Heavy-Duty) 60 RELAY LOCATIONS

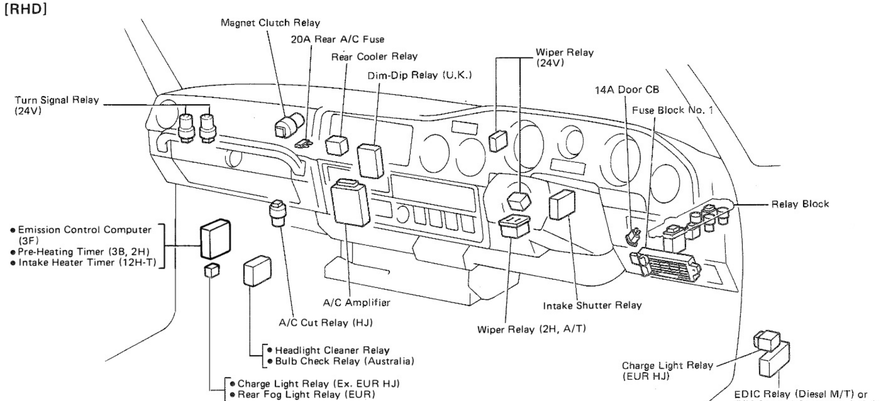




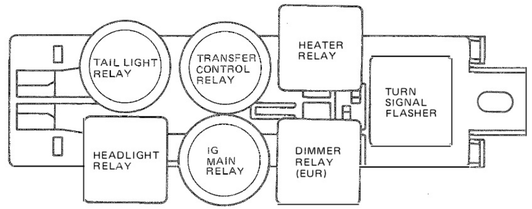
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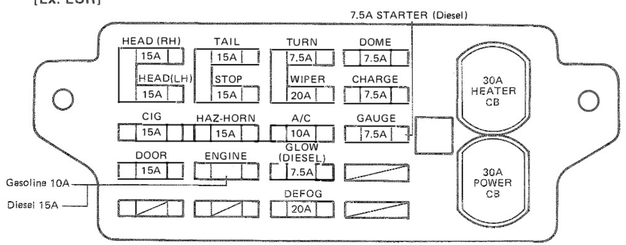


Relay Block

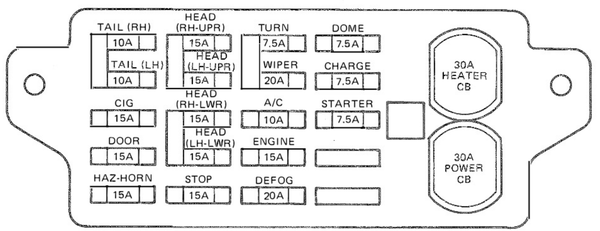


Fuse Block No. 1

[Ex. EUR]



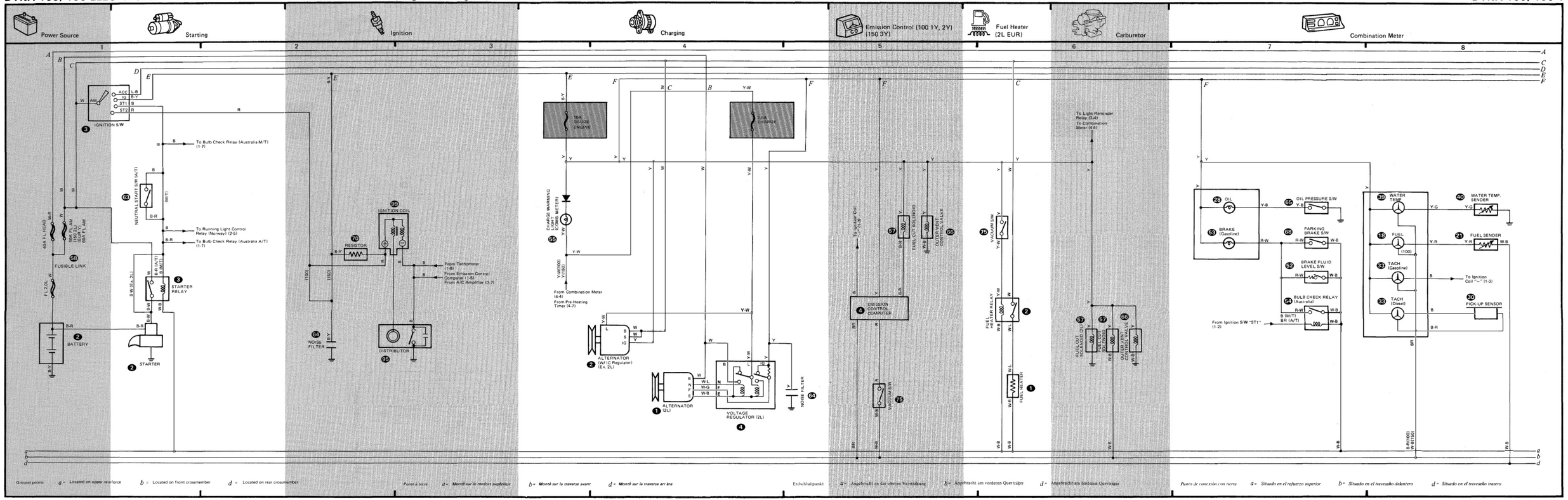
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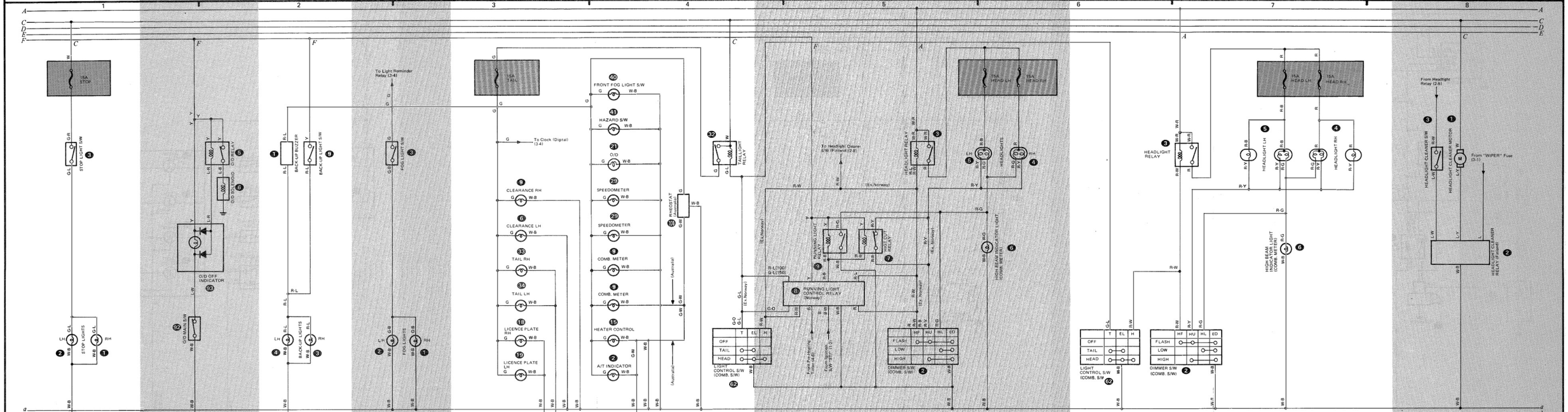
SYSTEM INDEX

DYNA 100, 150 — 1988 Production Vehicles (Page 1 to Page 4)

SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	3-7, 4-1
Back-up Lights	2-2
Carburetor	1-6
Charging	1-4
Cigarette Lighter	3-5
Clock	3-4
Combination Meter	1-7 4-4 (2L)
Emission Control	1-5 (100 1Y, 2Y) (150 3Y)
Fog Lights	2-2 (150)
Front Wiper and Washer	3-1
Fuel Heater	1-6 (2L EUR)
Glow Plugs	4-5 (GEN) 4-6 (Ex. GEN)
Headlight Cleaner	2-8 (100)
Headlights	2-5 (100) 2-7 (150)
Horn	3-3
Ignition	1-2
Interior Lights	3-3
Light Reminder	3-4
Overdrive	2-1 (100, Australia)
Power Source	1-1 4-3 (2L)
Radiator Fan and Condenser Fan	3-6
Radio and Tape Player	3-5
Rear Air Conditioner (Rear Heater)	4-2
Starting	1-1 4-3 (2L)
Stop Lights	2-1
Taillights and Illumination	2-3
Turn Signal and Hazard	3-2


Power Source
Starting
Ignition
Charging
Emission Control (100 1Y, 2Y) (150 3Y)
Fuel Heater (2L EUR)
Carburetor
Combination Meter
IGNITION S/W
FUSIBLE LINK
BATTERY
STARTER
STARTER RELAY
NEUTRAL START S/W (A/T)
To Bulb Check Relay (Australia M/T) (1-7)
To Running Light Control Relay (Norway) (2-5)
To Bulb Check Relay (Australia A/T) (1-7)
IGNITION COIL
RESISTOR
NOISE FILTER
DISTRIBUTOR
From Tachometer (1-8)
From Emission Control Computer (1-5)
From A/C Amplifier (3-7)
10A GAUGE ENGINE
7.5A CHARGE
CHARGE WARNING LAMP (GAUGE METER)
From Combination Meter (4-4)
From Pre-Heating Timer (4-7)
ALTERNATOR (W/ IC Regulator) (Ex. 2L)
ALTERNATOR (2L)
VOLTAGE REGULATOR (2L)
EMISSION CONTROL COMPUTER
FUEL CUT SOLENOID VALVE
OUTER AIR CONTROL VALVE
VACUUM S/W
FUEL HEATER RELAY
FUEL HEATER
To Light Reminder Relay (3-4)
To Combination Meter (4-4)
OIL
BRAKE (Gasoline)
OIL PRESSURE S/W
PARKING BRAKE S/W
BRAKE FLUID LEVEL S/W
BULB CHECK RELAY (Australia)
From Ignition S/W "ST1" (1-2)
WATER TEMP.
FUEL
TACH (Gasoline)
TACH (Diesel)
WATER TEMP. SENDER
FUEL SENDER
To Ignition Coil "–" (1-3)
PICK-UP SENSOR
Ground points: a = Located on upper reinforce b = Located on front crossmember d = Located on rear crossmember
Point à terre a = Monté sur le renfort supérieur b = Monté sur la traverse avant d = Monté sur la traverse arrière
Endschlußpunkt a = Angebracht an der oberen Verstärkung b = Angebracht am vorderen Querträger d = Angebracht am hinteren Querträger
Punto de conexión con tierra a = Situado en el refuerzo superior b = Situado en el travesaño delantero d = Situado en el travesaño trasero

Stop Lights | Overdrive (100, Australia) | Back-up Lights | Fog Lights (150) | Taillights and Illumination | Headlights (100) | Headlights (150) | Headligh Cleaner (100)



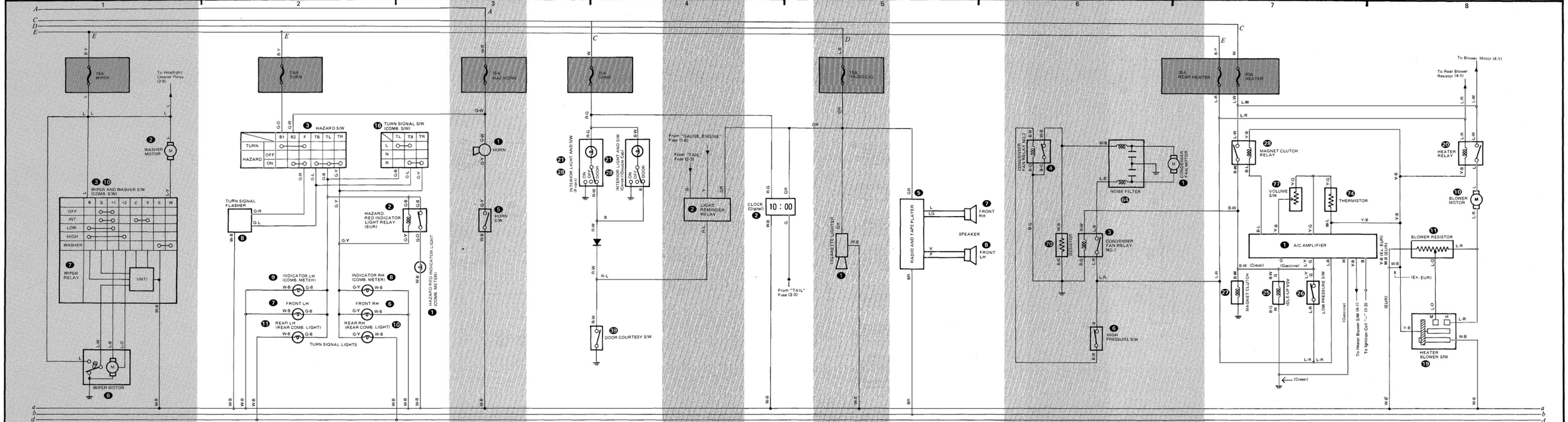
Ground points a = Located on upper reinforce b = Located on front crossmember d = Located on rear crossmember

Points à terre a = Monté sur le renfort supérieur b = Monté sur la traverse avant d = Monté sur la traverse arrière

Erdschlußpunkt a = Angebracht an der oberen Verstärkung b = Angebracht am vorderen Querträger d = Angebracht am hinteren Querträger

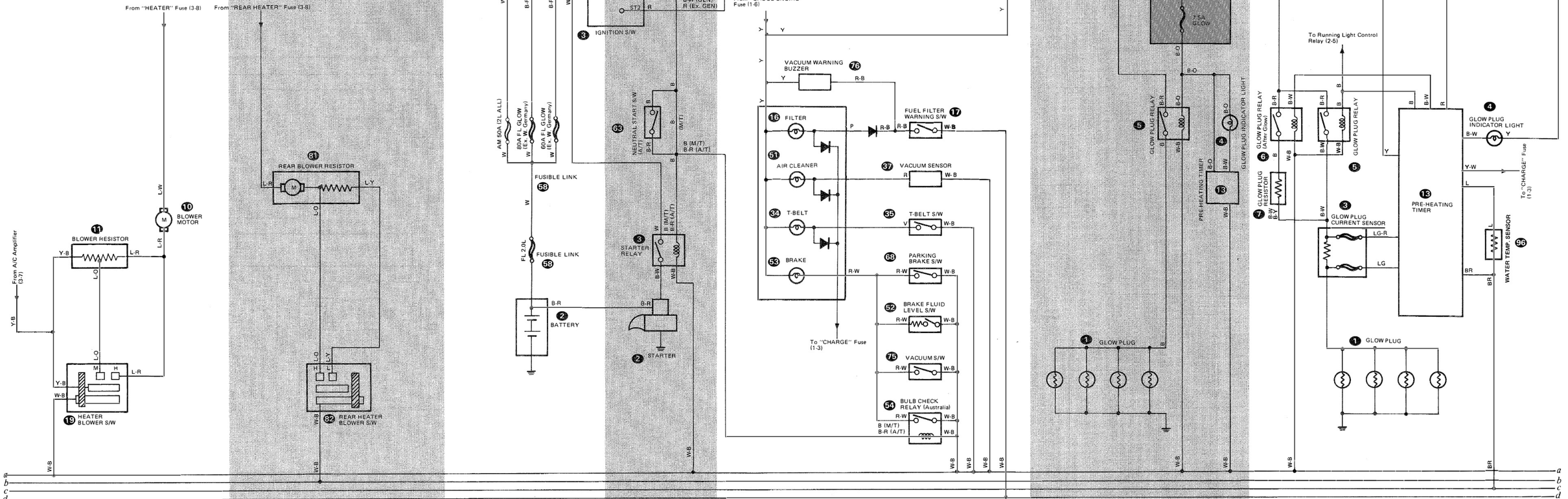
Puntos de conexión con tierra a = Situado en el refuerzo superior b = Situado en el travesaño delantero d = Situado en el travesaño trasero

Front Wiper and Washer | Turn Signal and Hazard | Horn | Interior Lights | Light Reminder | Clock | Cigarette Lighter | Radio and Tape player | Radiator Fan and Condenser Fan | Air Conditioner, Cooler and Heater



Air Conditioner, Cooler and Heater | Rear Air Conditioner (Rear Heater) | Power Source (2L) | Starting (2L) | Combination Meter (2L) | Glow Plugs (GEN) | Glow Plugs (Ex. GEN)

1 2 3 4 5 6



Ground Points
a = Located on upper reinforce
b = Located on front crossmember
c = Located on engine block
d = Located on rear crossmember

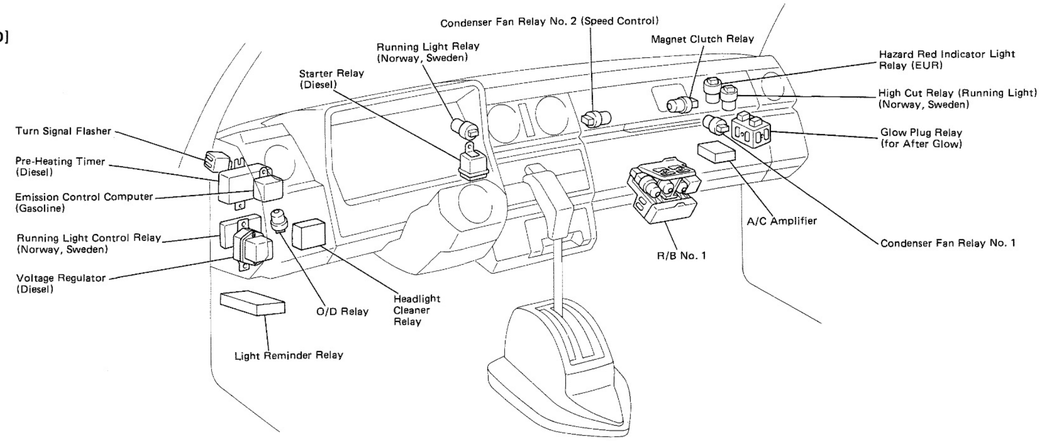
Point à terre
a = Monté sur le renfort supérieur
b = Monté sur la traverse avant
c = Monté sur le bloc-moteur
d = Monté sur la traverse arrière

Erdschlußpunkt
a = Angebracht an der oberen Verstärkung
b = Angebracht am vorderen Querträger
c = Angebracht auf dem Motor
d = Angebracht am hinteren Querträger

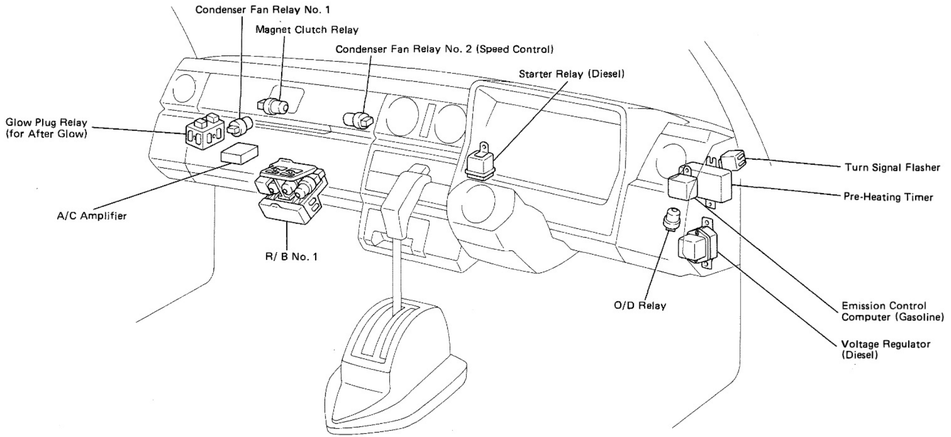
Punto de conexión con tierra
a = Situado en el refuerzo superior
b = Situado en el travesaño delantero
c = Situado en el bloque motor
d = Situado en el travesaño trasero

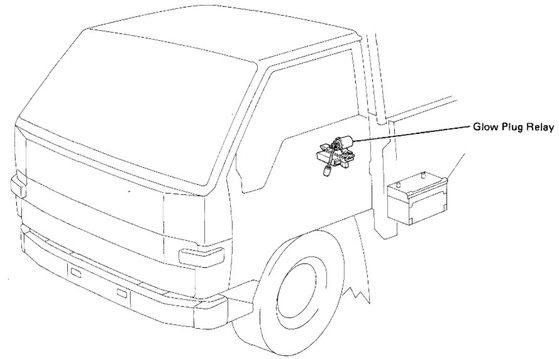
DYNA 100/150 RELAY LOCATIONS

[LHD]

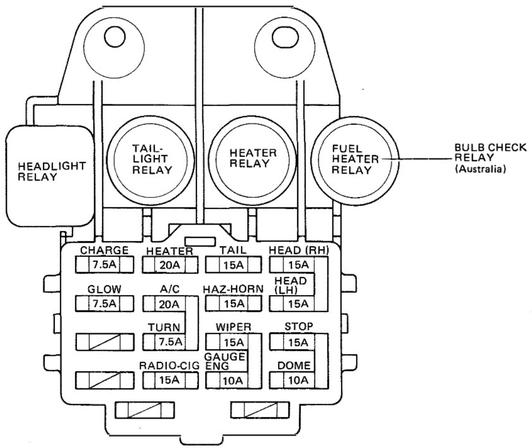


[RHD]





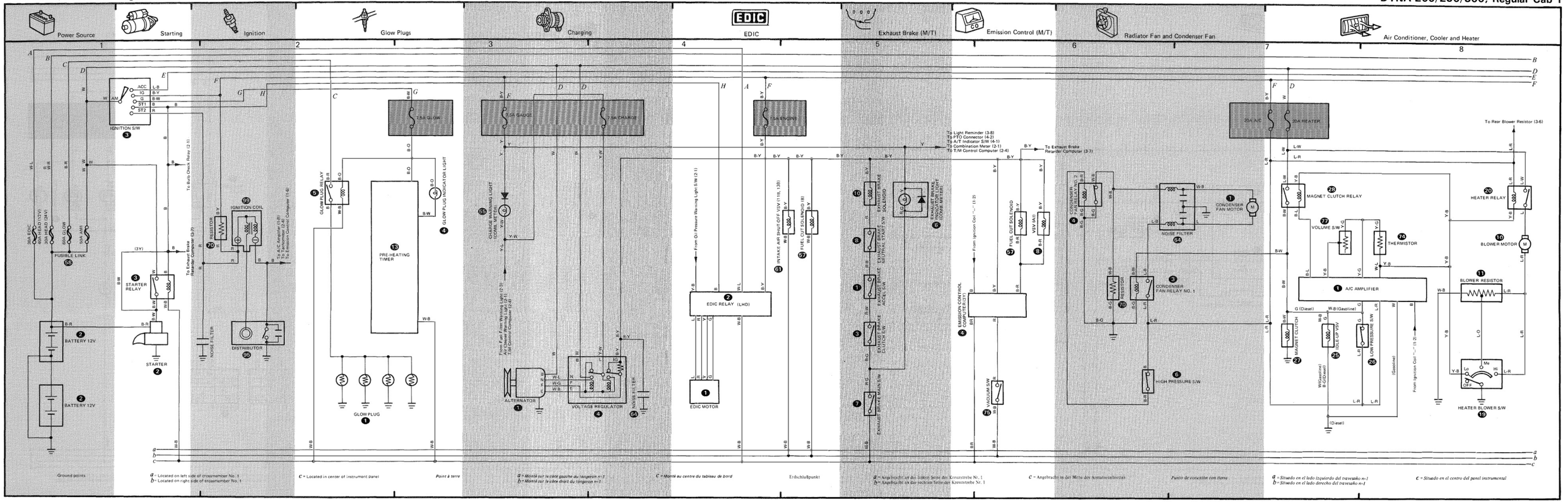
R/B No. 1

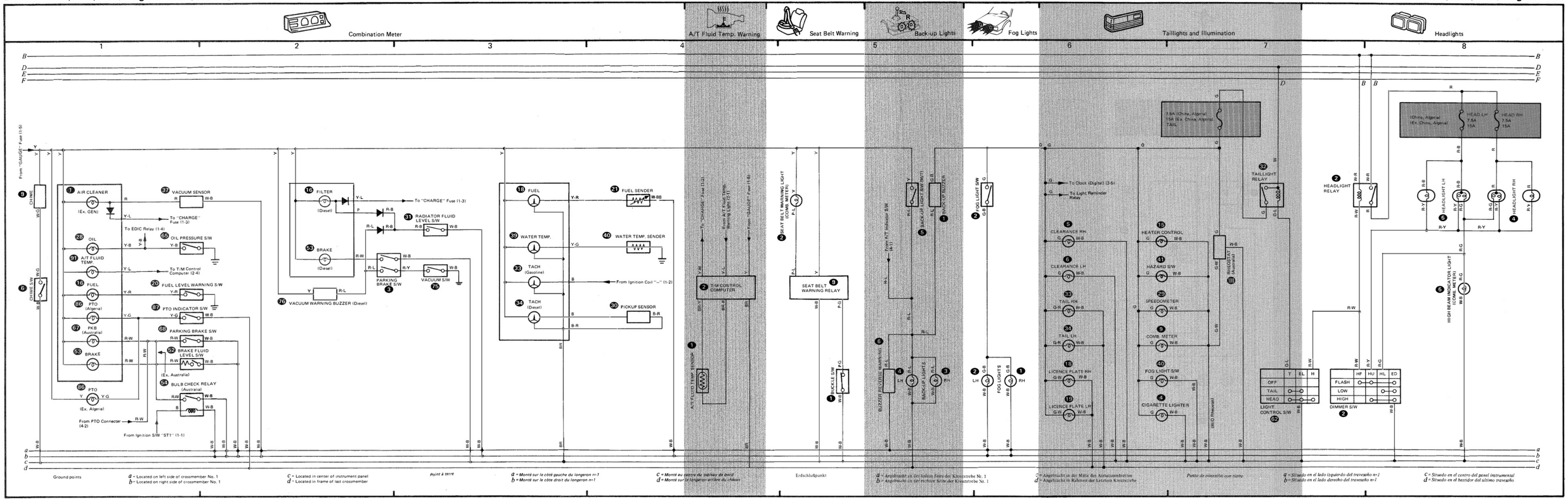


SYSTEM INDEX

DYNA 200/250/300, Regular Cab — 1988 Production Vehicles (Page 1 to Page 4)

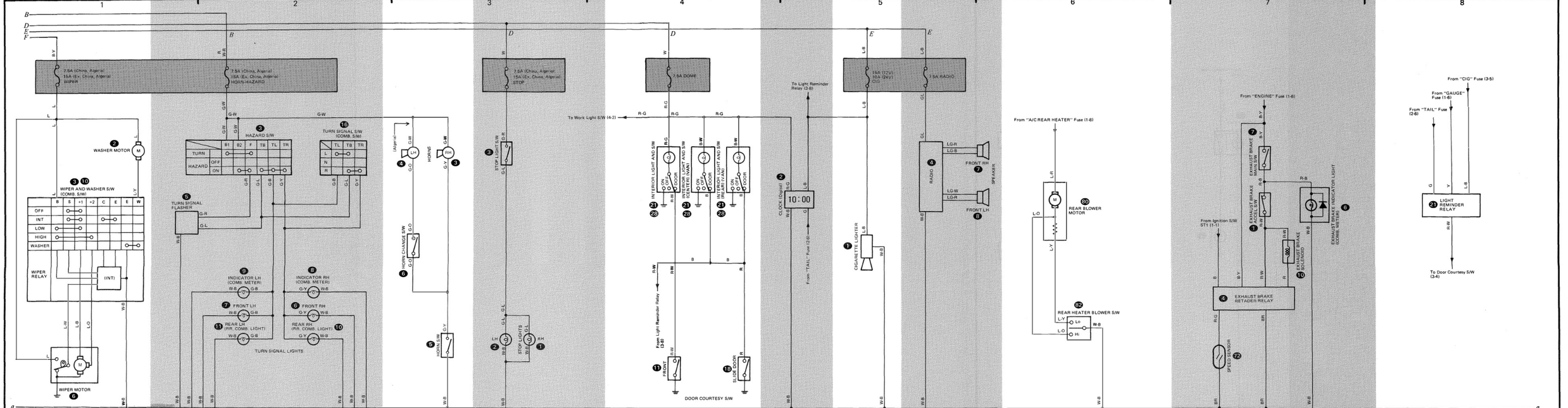
SYSTEMS	LOCATION	SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	1-8	Light Reminder	3-8
A/T Fluid Temp. Warning	2-4	Power Source	1-1
Automatic Transmission Indicator	4-1	Radiator Fan and Condenser Fan	1-6
Back-up Lights	2-5	Radio and Tape Player	3-5
Charging	1-3	Rear Air Conditioner	3-6
Cigarette Lighter	3-5	Seat Belt Warning	2-5
Clock	3-5	Starting	1-1
Combination Meter	2-2	Stop Lights	3-3
EDIC	1-4	Taillights and Illumination	2-6
Emission Control	1-6 (M/T)	Turn Signal and Hazard	3-2
Exhaust Brake	1-5 (M/T) 3-7 (A/T)	Work Light	4-2
Fog Lights	2-6		
Front Wiper and Washer	3-1		
Glow Plugs	1-2		
Headlights	2-8		
Horn	3-3		
Ignition	1-2		
Interior Lights	3-4		


Power Source
Starting
Ignition
Glow Plugs
Charging
EDIC
Exhaust Brake (M/T)
Emission Control (M/T)
Radiator Fan and Condenser Fan
Air Conditioner, Cooler and Heater
1
2
3
4
5
6
7
8
IGNITION S/W
STARTER RELAY
STARTER
BATTERY 12V
FUSIBLE LINK
IGNITION COIL
RESISTOR
NOISE FILTER
DISTRIBUTOR
GLOW RELAY
GLOW PLUG
PRE-HEATING TIMER
GLOW PLUG INDICATOR LIGHT
7.5A GLOW
7.5A GAUGE
7.5A CHARGE
7.5A ENGINE
CHARGE WARNING LIGHT
ALTERNATOR
VOLTAGE REGULATOR
EDIC RELAY (LHD)
EDIC MOTOR
INTAKE AIR SHUT-OFF VSV
FUEL CUT SOLENOID
EXHAUST BRAKE NEUTRAL START S/W
EXHAUST BRAKE ACCEL S/W
EXHAUST BRAKE CLUTCH S/W
EXHAUST BRAKE MAIN S/W
EXHAUST BRAKE SOLENOID
EXHAUST BRAKE CONTROL COMPUTER
EMISSION CONTROL COMPUTER
VACUUM S/W
VSV (M/T)
CONDENSER FAN MOTOR NO.2
CONDENSER FAN MOTOR
NOISE FILTER
CONDENSER FAN RELAY NO.1
HIGH PRESSURE S/W
20A A/C
20A HEATER
MAGNET CLUTCH RELAY
VOLUME S/W
THERMISTOR
A/C AMPLIFIER
MAGNET CLUTCH
OIL-UP VSV
LOW PRESSURE S/W
HEATER RELAY
BLOWER MOTOR
BLOWER RESISTOR
HEATER BLOWER S/W
To Rear Blower Resistor (3-6)
To Light Reminder (3-8)
To PTO Connector (4-2)
To A/T Indicator S/W (4-1)
To Combination Meter (2-1)
To T/M Control Computer (2-4)
To Exhaust Brake Retarder Computer (3-7)
From Ignition Coil "–" (1-2)
From Oil Pressure Warning Light S/W (2-1)
From Fuel Level Warning Light (2-3)
To Combination Meter (2-1)
To Back Check Relay (2-1)
To Exhaust Brake Retarder Computer (3-7)
To A/C Amplifier (1-8)
To Thermistor (1-8)
To Emission Control Computer (1-6)
Ground points
a = Located on left side of crossmember No. 1
b = Located on right side of crossmember No. 1
C = Located in center of instrument panel
Point à terre
a = Monté sur le côté gauche du longeron n-1
b = Monté sur le côté droit du longeron n-1
C = Monté au centre du tableau de bord
Erdschlußpunkt
a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht an der rechten Seite der Kreuzstrebe Nr. 1
C = Angebracht in der Mitte des Armaturenbrettes
Punto de conexión con tierra
a = Situado en el lado izquierdo del travesaño n-1
b = Situado en el lado derecho del travesaño n-1
C = Situado en el centro del panel instrumental


Combination Meter
A/T Fluid Temp. Warning
Seat Belt Warning
Back-up Lights
Fog Lights
Taillights and Illumination
Headlights
1
2
3
4
5
6
7
8
From "GAUGE" Fuse (1-5)
CHIME
DIMMER S/W
AIR CLEANER
(Ex. GEN)
OIL
A/T FLUID TEMP.
FUEL
PTO (Algeria)
PKB (Australia)
BRAKE
PTO
(Ex. Algeria)
From PTO Connecter (4-2)
From Ignition S/W "ST1" (1-1)
VACUUM SENSOR
To "CHARGE" Fuse (1-3)
To EDIC Relay (1-4)
OIL PRESSURE S/W
To T/M Control Computer (2-4)
FUEL LEVEL WARNING S/W
PTO INDICATOR S/W
PARKING BRAKE S/W
BRAKE FLUID LEVEL S/W
(Ex. Australia)
BULB CHECK RELAY (Australia)
FILTER (Diesel)
BRAKE (Diesel)
VACUUM WARNING BUZZER (Diesel)
RADIATOR FLUID LEVEL S/W
PARKING BRAKE S/W
VACUUM S/W
FUEL
WATER TEMP.
TACH (Gasoline)
TACH (Diesel)
FUEL SENDER
WATER TEMP. SENDER
From Ignition Coil "–" (1-2)
PICKUP SENSOR
A/T FLUID TEMP SENSOR
To "CHARGE" Fuse (1-3)
From A/T Fluid Temp. Warning Light (2-1)
From "GAUGE" Fuse (1-5)
T/M CONTROL COMPUTER
SEAT BELT TRAINING LIGHT (COMB. METER)
SEAT BELT WARNING RELAY
BUCKLE S/W
From A/T Indicator S/W (4-1)
BACK-UP LIGHT S/W (M/T)
BACK-UP BUZZER
BUZZER (REVERSE WARNING)
BACK-UP LIGHTS
FOG LIGHT S/W
FOG LIGHTS
To Clock (Digital) (3-6)
To Light Reminder Relay
CLEARANCE RH
CLEARANCE LH
TAIL RH
TAIL LH
LICENCE PLATE RH
LICENCE PLATE LH
7.5A (China, Algeria)
15A (Ex. China, Algeria)
TAIL
TAILLIGHT RELAY
HEATER CONTROL
HAZARD S/W
SPEEDOMETER
COMB. METER
FOG LIGHT S/W
CIGARETTE LIGHTER
RHEOSTAT (Australia)
(W/O Rheostat)
LIGHT CONTROL S/W
OFF
TAIL
HEAD
(China, Algeria)
(Ex. China, Algeria)
HEAD LH 7.5A 15A
HEAD RH 7.5A 15A
HEADLIGHT RELAY
HEADLIGHT LH
HEADLIGHT RH
HIGH BEAM INDICATOR LIGHT (COMB. METER)
DIMMER S/W
FLASH
LOW
HIGH
Ground points
a = Located on left side of crossmember No. 1
b = Located on right side of crossmember No. 1
c = Located in center of instrument panel
d = Located in frame of last crossmember
Point à terre
a = Monté sur le côté gauche du longeron n-1
b = Monté sur le côté droit du longeron n-1
c = Monté au centre du tableau de bord
d = Monté sur le longeron arrière du châssis
Erdschlußpunkt
a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht an der rechten Seite der Kreuzstrebe Nr. 1
c = Angebracht in der Mitte des Armaturenbrettes
d = Angebracht im Rahmen der letzten Kreuzstrebe
Punto de conexión con tierra
a = Situado en el lado izquierdo del travesaño n-1
b = Situado en el lado derecho del travesaño n-1
c = Situado en el centro del panel instrumental
d = Situado en el bastidor del último travesaño

Front Wiper and Washer | Turn Signal and Hazard | Horn | Stop Lights | Interior Lights | Clock | Cigarette Lighter | Radio and Tape Player | Rear Air Conditioner | Exhaust Brake (A/T) | Light Reminder

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



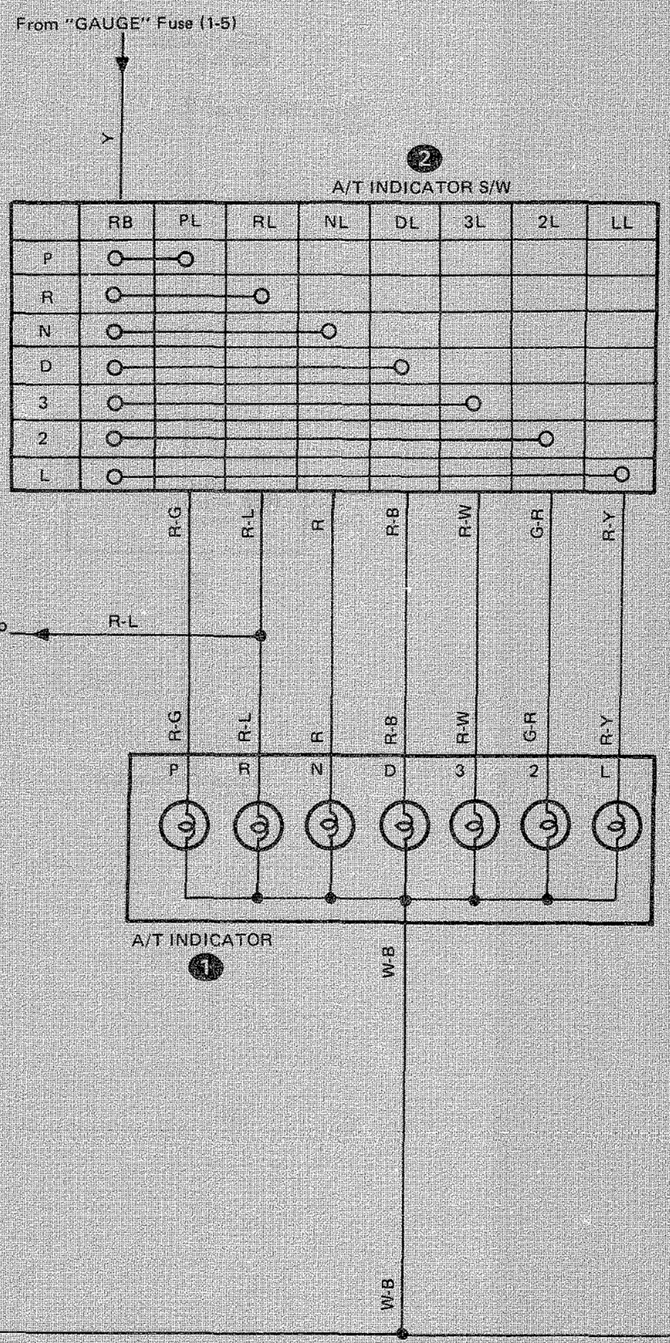
a = Located on left side of crossmember No. 1
b = Located on right side of crossmember No. 1
c = Located in center of instrument panel
d = Located in frame of last crossmember

a = Monté sur le côté gauche du longeron n-1
b = Monté sur le côté droit du longeron n-1
c = Monté au centre du tableau de bord
d = Monté sur le longeron arrière du châssis

a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht an der rechten Seite der Kreuzstrebe Nr. 1
c = Angebracht in der Mitte des Armaturenbrettes
d = Angebracht in Rahmen der Letztem Kreuzstrebe

a = Situado en el lado izquierdo del travesaño n-1
b = Situado en el lado derecho del travesaño n-1
c = Situado en el centro del panel instrumental
d = Situado en el bastidor del último travesaño

Automatic Transmission Indicator



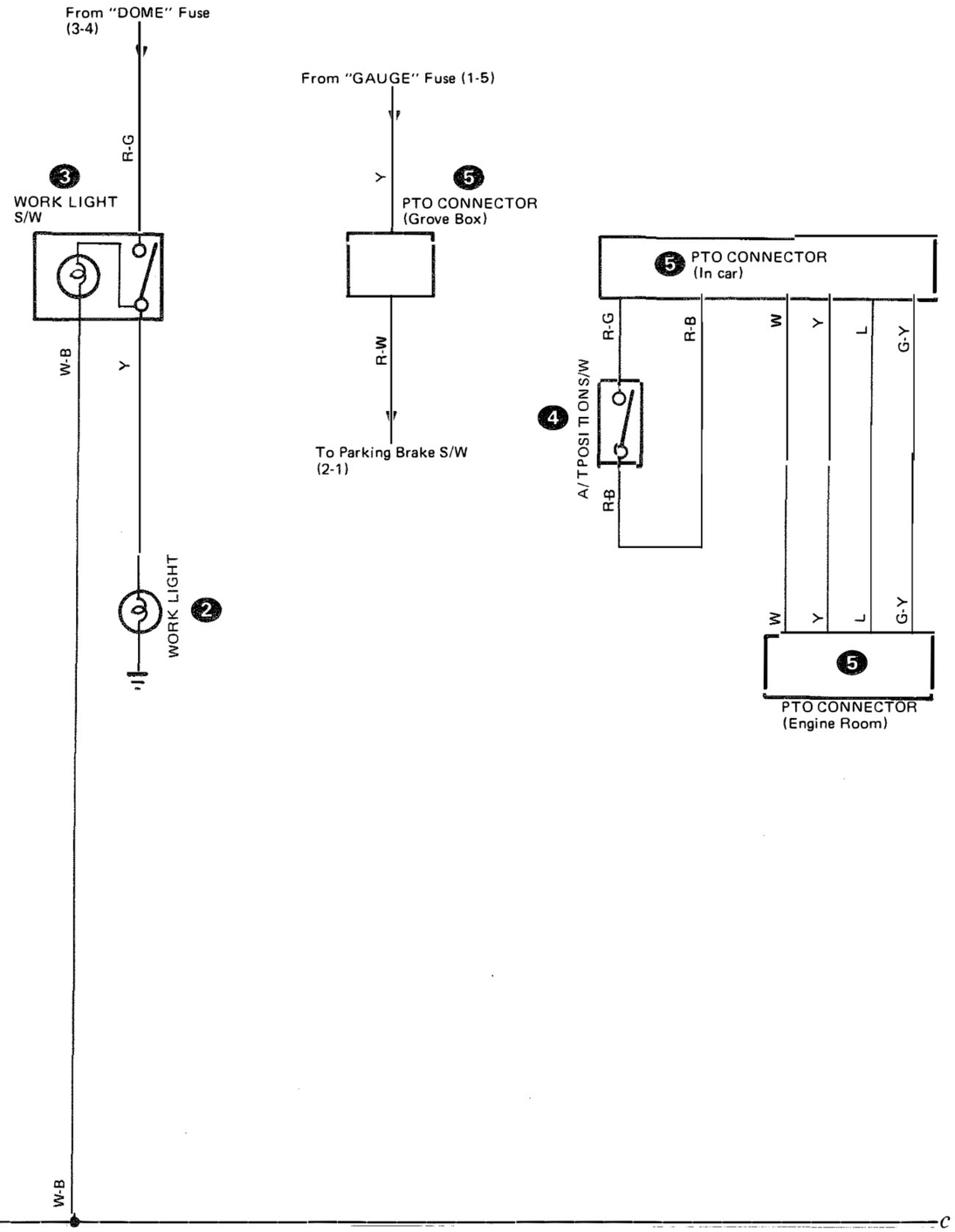
Ground points

C = Located in center of instrument panel

Point à terre

C = Monté au centre du tableau de bord

Work Light



Erdschlußpunkt

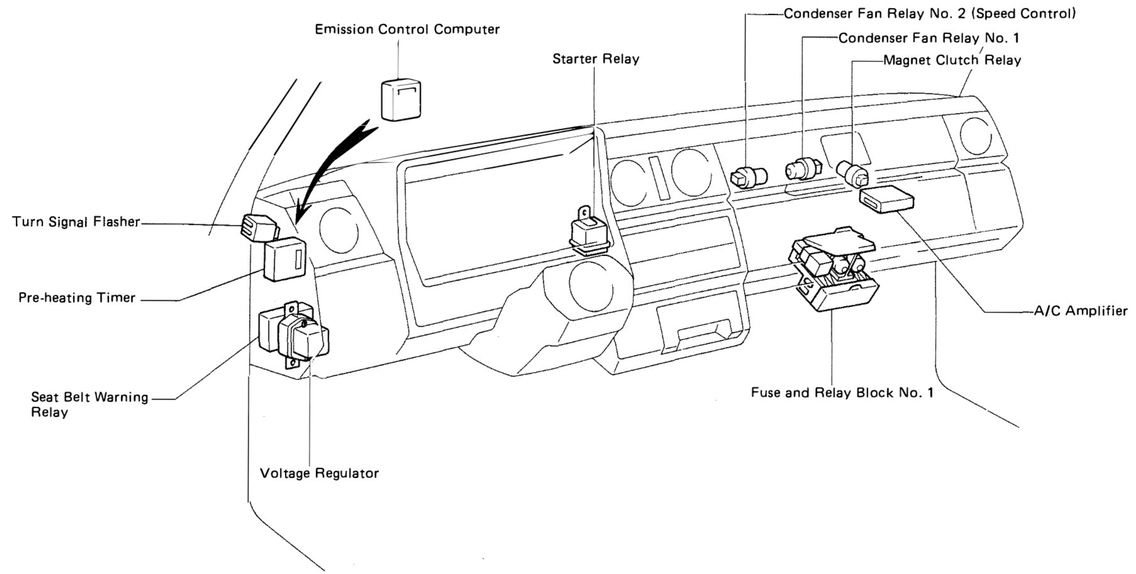
C = Angebracht in der Mitte des Armaturenbrettes

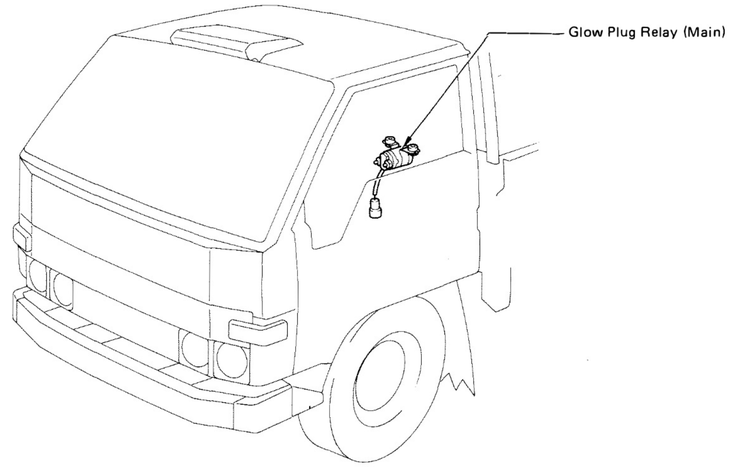
Punto de conexión con tierra

C = Situado en el centro del panel instrumental

DYNA 200/250/300, Regular Cab RELAY LOCATIONS

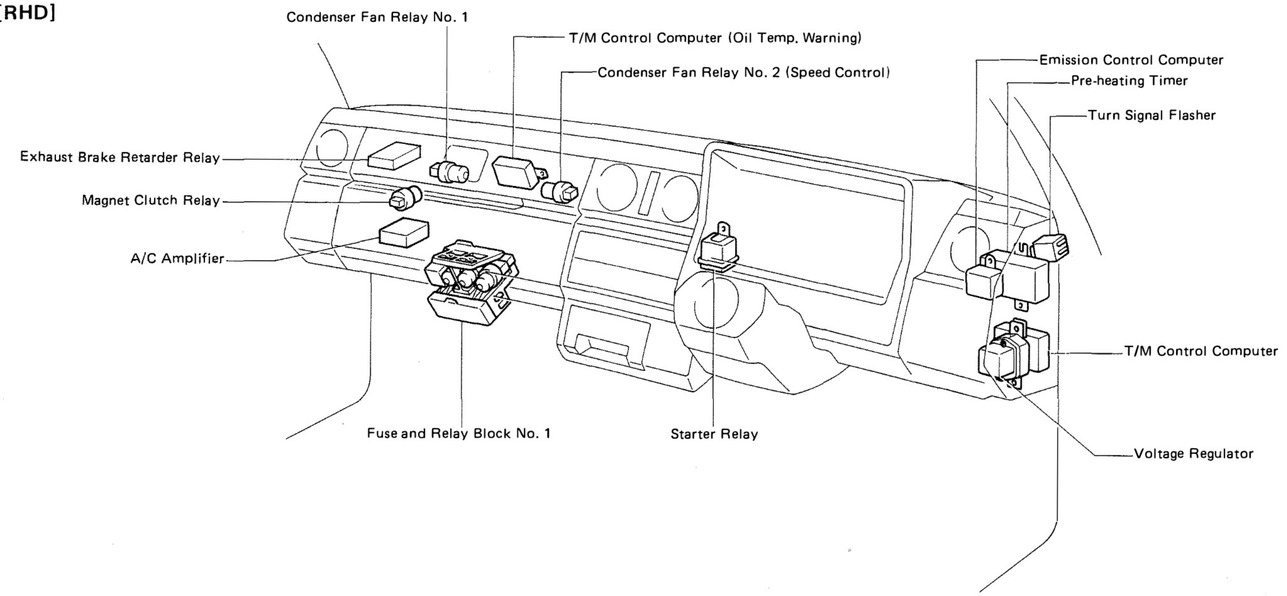
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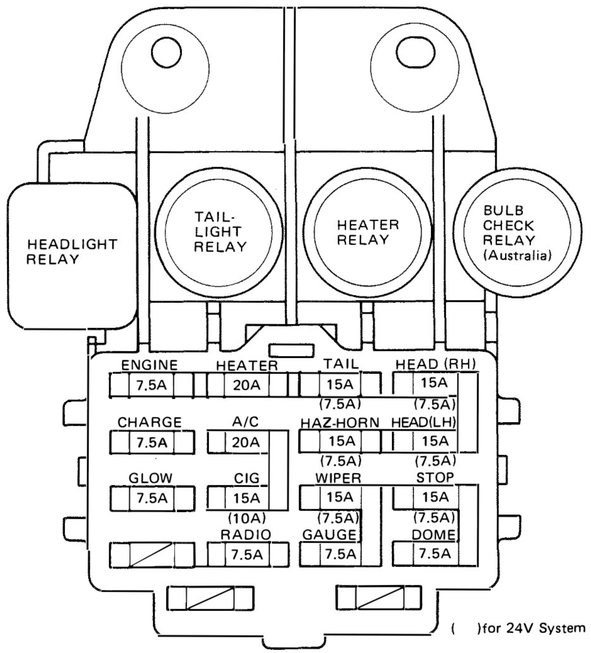




Fuse and Relay Block No. 1

[RHD]



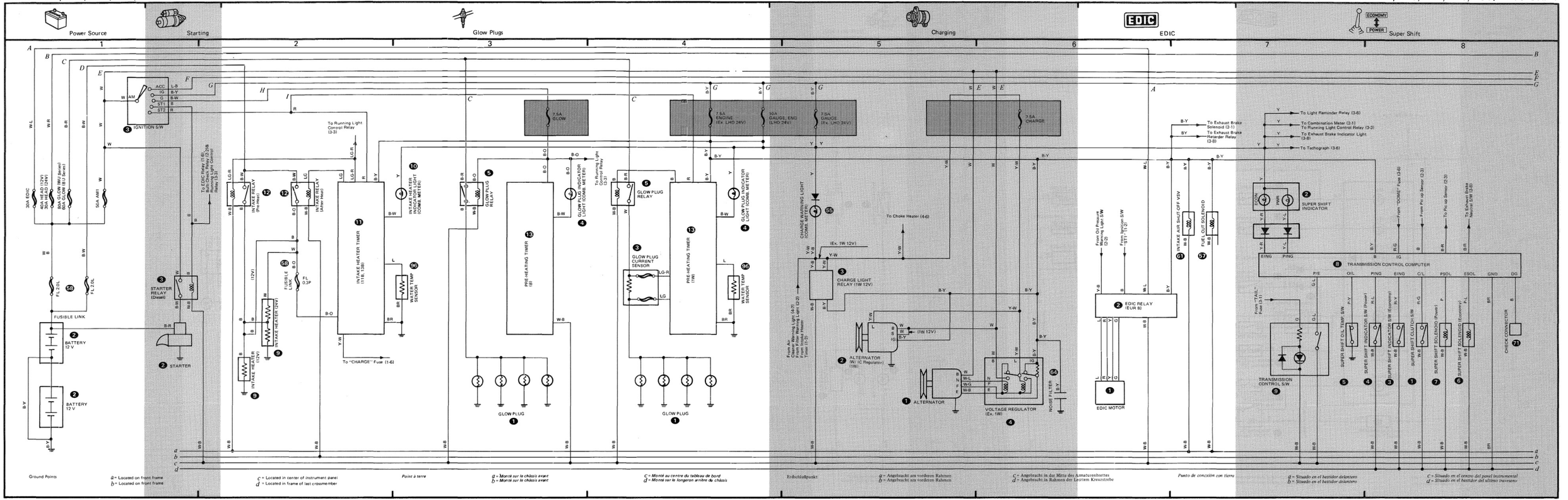


DYNA 200/250/300/350/400,
Wide Cab

SYSTEM INDEX

1988 Production Vehicles (Page 1 to Page 4)

SYSTEMS	LOCATION	SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	4-2	Light Reminder System	3-5
Back-up Lights	2-4	Power Source	1-1 4-4 (22R)
Carburetor	4-6 (22R)	Radio and Tape Player	3-7
Charging	1-5	Radiator Fan and Condenser Fan	4-1
Cigarette Lighter	3-7	Seat Belt Warning	2-4
Clock	3-7	Starting	1-1 4-4 (22R)
Combination Meter	2-2 4-7 (22R)	Stop Lights	2-5
EDIC	1-6	Super Shift	1-8
Emission Control	4-5 (22R)	Tachograph	3-6
Exhaust Brake	2-1 (W/O Super Shift) 3-8 (W/ Super Shift)	Taillights and Illumination	3-1
Fog Lights	3-1	Turn Signal and Hazard	2-7
Front Wiper and Washer	2-6	Work Light	2-8
Glow Plugs	1-3		
Headlight Cleaner	2-5		
Headlights	3-4		
Horn	2-8		
Ignition	4-5 (22R)		
Interior Lights	3-6		


Power Source
Starting
Glow Plugs
Charging
EDIC
Super Shift
1
2
3
4
5
6
7
8
30A EDIC
50A HEAD (12V)
50A HEAD (24V)
80A ALT (Without Diesel)
80A GLOW (Diesel)
50A AM1
IGNITION S/W
ACC
IG
C
ST1
ST2
AM
To EDIC Relay (1-8)
To Running Light Control Relay (3-3)
FUSIBLE LINK
BATTERY 12 V
STARTER RELAY (Diesel)
STARTER
INTAKE HEATER (12V)
INTAKE HEATER (24V)
INTAKE HEATER RELAY (Pre-Heat)
INTAKE HEATER RELAY (After-Heat)
FUSIBLE LINK
INTAKE HEATER TIMER (11S, 13S)
INTAKE HEATER INDICATOR LIGHT (COMB. METER)
WATER TEMP. SENSOR
To "CHARGE" Fuse (1-6)
To Running Light Control Relay (3-3)
7.5A GLOW
7.5A ENGINE (Ex. LHD 24V)
10A GAUGE, ENG (LHD 24V)
7.5A GAUGE (Ex. LHD 24V)
GLOW PLUG RELAY
GLOW PLUG INDICATOR LIGHT (COMB. METER)
PRE-HEATING TIMER (8I)
GLOW PLUG
GLOW PLUG CURRENT SENSOR
PRE-HEATING TIMER (15N)
7.5A CHARGE
CHARGE WARNING LIGHT (COMB. METER)
To Choke Heater (4-6)
CHARGE LIGHT RELAY (1W 12V)
From Air Cleaner Warning Light (5-7)
From Engine Oil Pressure Switch (5-2)
From Intake Heater Relay (3-3)
ALTERNATOR (W/ IC Regulator) (11W)
ALTERNATOR
VOLTAGE REGULATOR (Ex. 1W)
NOISE FILTER
To Exhaust Brake Solenoid (2-1)
To Exhaust Brake Retarder Relay (3-8)
From Oil Pressure Warning Light S/W (5-2)
From Ignition S/W (5-1)
EDIC RELAY (EUR B)
EDIC MOTOR
INTAKE AIR SHUT-OFF VSV
FUEL CUT SOLENOID
To Light Reminder Relay (3-8)
To Combination Meter (2-1)
To Running Light Control Relay (3-3)
To Exhaust Brake Indicator Light (3-8)
To Tachograph (3-8)
SUPER SHIFT INDICATOR
From "DOME" Fuse (3-6)
From Prop Sensor (2-3)
To Prop Sensor (2-3)
To Exhaust Brake Retarder S/W (3-8)
TRANSMISSION CONTROL COMPUTER
From "TAIL" Fuse (3-1)
TRANSMISSION CONTROL S/W
SUPER SHIFT OIL TEMP. S/W
SUPER SHIFT INDICATOR S/W (Power)
SUPER SHIFT INDICATOR S/W (Economy)
SUPER SHIFT CLUTCH S/W
SUPER SHIFT SOLENOID (Power)
SUPER SHIFT SOLENOID (Economy)
CHECK CONNECTOR
Ground Points
a = Located on front frame
b = Located on front frame
c = Located in center of instrument panel
d = Located in frame of last crossmember
Point à terre
a = Monté sur le châssis avant
b = Monté sur le châssis avant
c = Monté au centre du tableau de bord
d = Monté sur le longeron arrière du châssis
Erdschlußpunkt
a = Angebracht am vorderen Rahmen
b = Angebracht am vorderen Rahmen
c = Angebracht in der Mitte des Armaturenbrettes
d = Angebracht in Rahmen der Letzten Kreuzstrebe
Punto de concesión con tierra
a = Situado en el bastidor delantero
b = Situado en el bastidor delantero
c = Situado en el centro del panel instrumental
d = Situado en el bastidor del último travesaño

Exhaust Brake (W/O Super Shift)

Combination Meter

Seat Belt Warning

Back-up Lights

Stop Lights

Headlight Cleaner

Front Wiper and Washer

Turn Signal and Hazard

Horn

Work Light

1 2 3 4 5 6 7 8

B
E
F
G

From "ENGINE" Fuse (1-7)

EXHAUST BRAKE SOLENOID

EXHAUST BRAKE NEUTRAL START SW

EXHAUST BRAKE ACCEL SW

EXHAUST BRAKE CLUTCH SW

EXHAUST BRAKE MAIN SW

EXHAUST BRAKE INDICATOR (COMB. METER)

From "GAUGE" Fuse (1-7)

To EDIC Relay (1-6)

OIL

OIL PRESSURE S/W

PTO

PTO INDICATOR S/W

FILTER

To "CHARGE" Fuse (1-5)

FUEL FILTER WARNING S/W

PARKING BRAKE S/W

PKB (Ex. Australia)

PKB (Australia)

VACUUM S/W (Ex. Australia)

BRAKE (Australia)

BRAKE FLUID LEVEL WARNING S/W

BRAKE FLUID LEVEL WARNING S/W

VACUUM WARNING BUZZER (Diesel)

From Ignition S/W "ST" (1-2)

BULB CHECK RELAY (Australia)

FUEL

WATER TEMP.

TACH

FUEL SENDER

WATER TEMP. SENDER

PICKUP SENSOR

To Transmission Control Computer (1-8)

From Transmission Control Computer (1-8)

From "TAIL" Fuse (3-1)

SEAT BELT WARNING LIGHT (COMB. METER)

SEAT BELT WARNING RELAY

BUCKLE S/W

BACK-UP LIGHT S/W

BACK-UP LIGHTS

BUZZER (REVERSE WARNING)

7.5A (LHD 24V) 15A (Ex. LHD 24V) STOP

STOP LIGHT S/W

STOP LIGHTS

From Headlight Fuse (3-9)

HEADLIGHT CLEANER S/W

HEADLIGHT CLEANER MOTOR

HEADLIGHT CLEANER RELAY

7.5A (LHD 24V) 10A (Ex. LHD 24V) WIPER

WASHER MOTOR

WIPER AND WASHER S/W (COMB. S/W)

WIPER RELAY

WIPER MOTOR

7.5A (EUR 24V, Ex. EUR 24V) 15A (Ex. EUR 12V) HORN HAZARD

HAZARD S/W

TURN SIGNAL S/W (COMB. S/W)

TURN SIGNAL FLASHER

HAZARD RED INDICATOR LIGHT RELAY

HAZARD RED INDICATOR LIGHT (COMB. METER)

INDICATOR LH (COMB. METER)

INDICATOR RH (COMB. METER)

FRONT LH

FRONT RH

REAR LH (RR. COMB. LIGHT)

REAR RH (RR. COMB. LIGHT)

TURN SIGNAL LIGHTS

From "DOME" Fuse (3-8)

HORN CHANGE S/W

HORNS

HORN S/W

WORK LIGHT S/W

WORK LIGHT

a
b
c
d

Ground points

a = Located on front frame
b = Located on front frame

c = Located in center of instrument panel
d = Located in frame of last crossmember

Point à terre

a = Monté sur le châssis avant
b = Monté sur le châssis avant

c = Monté au centre du tableau de bord
d = Monté sur le longeron arrière du châssis

Erdschlußpunkt

a = Angebracht am vorderen Rahmen
b = Angebracht am vorderen Rahmen

c = Angebracht in der Mitte des Armaturenbrettes
d = Angebracht in Rahmen der Letzten Kreuzstrebe

Punto de conexión con tierra

a = Situado en el bastidor delantero
b = Situado en el bastidor delantero

c = Situado en el centro del panel instrumental
d = Situado en el bastidor del ultimo travesano

Fog Lights | Taillights and Illumination | Headlights | Light Reminder | Interior Lights | Tachograph | Clock | Cigarette Lighter | Radio and Tape Player | Exhaust Brake (W/ Super Shift)

1 2 3 4 5 6 7 8

B E F G

7.5A (LHD 24V) 15A (Ex. LHD 24V) TAIL

26 RADIO

40 FRONT FOG LIGHT S/W

41 HAZARD S/W

75 TACHOGRAPH

25 SPEEDOMETER

9 COMB. METER

15 HEATER CONTROL

4 CIGARETTE LIGHTER

To Back-up Buzzer (2-4)
To Clock (Digital) (3-7)
To Transmission Control S/W (1-7)
To Light Reminder Relay (3-5)

18 RHEOSTAT (Australia)

FOG LIGHT S/W 3

5 CLEARANCE RH
6 CLEARANCE LH
33 TAIL RH
34 TAIL LH
13 LICENCE PLATE RH
13 LICENCE PLATE LH

2 LH FOG LIGHTS 1 RH

32 TAILLIGHT RELAY

To Headlight Cleaner S/W (2-5)

LIGHT CONTROL S/W 82

	T	EL	H
OFF			
TAIL	○	○	
HEAD	○	○	○

R-W (Ex. Norway)
R-L (Norway)
R-W (Ex. Norway)

From "DOME" Fuse (1-6)
From "GAUGE" Fuse (1-7)
From "ENGINE" Fuse (1-7)

8 RUNNING LIGHT CONTROL RELAY (Norway)

From "GLOW" Fuse (1-4)
From Intake Heater Timer (1-5)

3 HEADLIGHT RELAY

W-R (EUR)
W-R (Ex. EUR)

To "HEAD" Fuse (3-5)

1 DIMMER RELAY

R-Y (EUR)

DIMMER S/W 2

	HF	HU	HL	ED
FLASH				
LOW				
HIGH				

10A HEAD RH UPR
10A HEAD RH LWR
10A HEAD LH UPR
10A HEAD LH LWR

4 HEADLIGHT RH
5 HEADLIGHT LH

6 HIGH BEAM INDICATOR LIGHT (COMB. METER)

(LHD 24V) (Ex. LHD 24V) 7.5A HEAD LH
7.5A HEAD RH

From "Headlight Relay" (3-4)

From "TAIL" Fuse (3-5)
From "GAUGE" Fuse (1-7)
From "CIG" Fuse (3-5)

2 LIGHT REMINDER RELAY

7.5A DOME

21 28 INTERIOR LIGHT AND S/W

DOOR COURTESY S/W 38

To Work Light S/W (2-8)
To Running Light Control Relay (3-3)
To Transmission Control Computer (1-8)

From "GAUGE" Fuse (1-7)

1 TACHOGRAPH

94 SPEED WARNING BUZZER

To Light Reminder Relay (3-6)

From "TAIL" Fuse (3-1)

2 CLOCK (Digital)

13A CIG (LHD 24V)

1 CIGARETTE LIGHTER

7.5A RADIO (LHD 24V)
10A RADIO, CIG (Ex. LHD 24V)

5 RADIO AND TAPE PLAYER

7 RH FRONT (W/ Stereo)
8 LH SPEAKER (LHD)
7 RH FRONT (W/ Stereo)
8 LH SPEAKER (RHD)

From "GAUGE" Fuse (1-7)
From "ENGINE" Fuse (1-7)
From Transmission Control Computer (1-8)

9 EXHAUST BRAKE INDICATOR LIGHT (COMB. METER)
9 EXHAUST BRAKE RELAY
10 EXHAUST BRAKE SOLENOID
1 EXHAUST BRAKE ACCEL S/W
3 EXHAUST BRAKE CLUTCH S/W
8 EXHAUST BRAKE NEUTRAL START S/W
7 EXHAUST BRAKE MAIN S/W

a c d

Ground points

a = Located on front frame
c = Located in center of instrument panel

d = Located in frame of last crossmember

Point à terre

a = Monté sur le châssis avant
C = Monté au centre du tableau de bord

d = Monté sur le longeron arrière du châssis

Erdschlußpunkt

a = Angebracht am vorderen Rahmen
C = Angebracht in der Mitte des Armaturenbrettes

d = Angebracht in Rahmen der Letztem Kreuztrebe

Punto de conexión con tierra

a = Situado en el bastidor delantero
C = Situado en el centro del panel instrumental

d = Situado en el bastidor del último travesaño

Radiator Fan and Condenser Fan

Air Conditioner, Cooler and Heater

Power Source (22R)

Starting (22R)

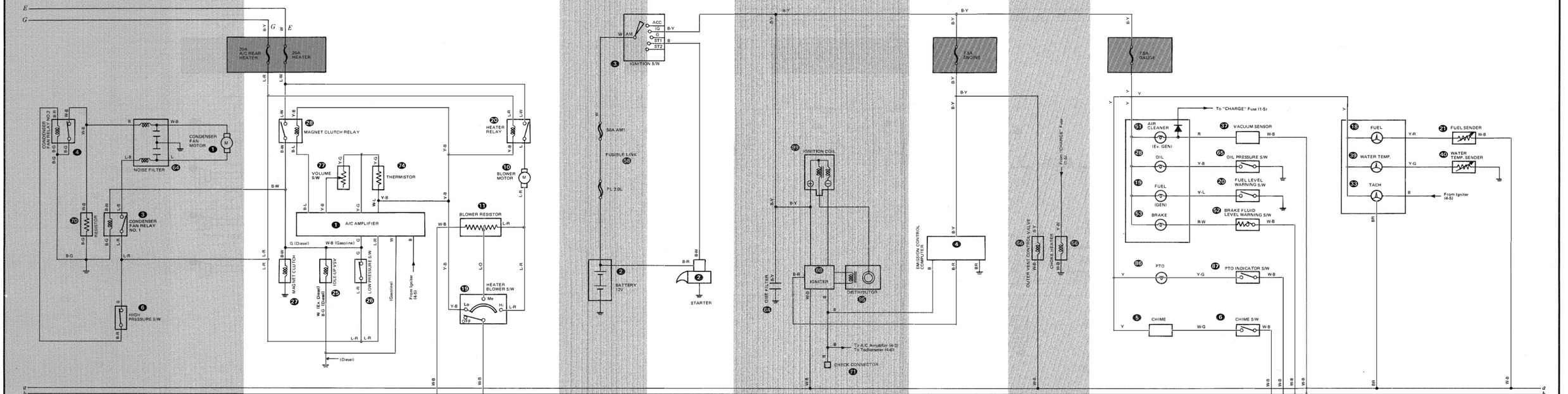
Ignition (22R)

Emission Control (22R)

Carburetor (22R)

Combination Meter (22R)

1 2 3 4 5 6 7 8



Ground Points

a = Located on front frame
b = Located on front frame

C = Located in center of instrument panel

Point à terre

a = Monté sur le châssis avant
b = Monté sur le châssis avant

C = Monté au centre du tableau de bord

Erdschlußpunkt

a = Angebracht am vorderen Rahmen
b = Angebracht am vorderen Rahmen

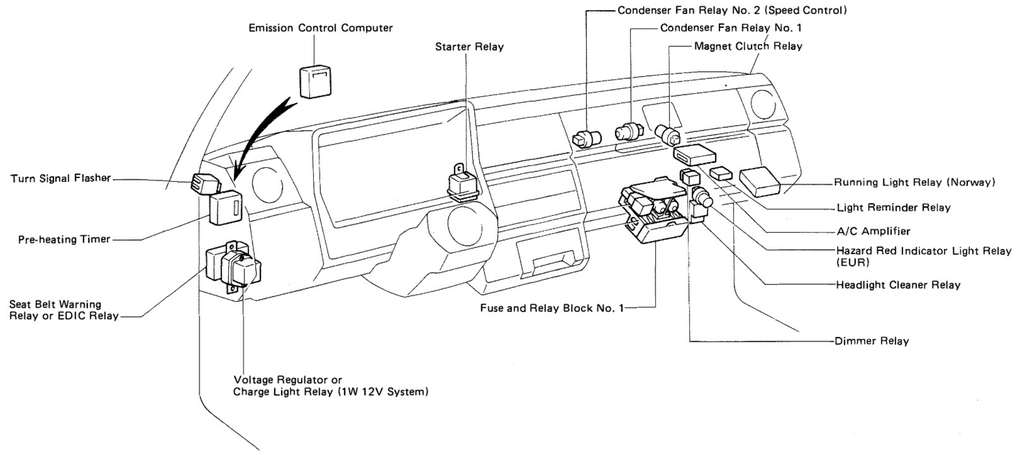
c = Angebracht in der Mitte des Armaturenbrettes

Punto de conexión con tierra

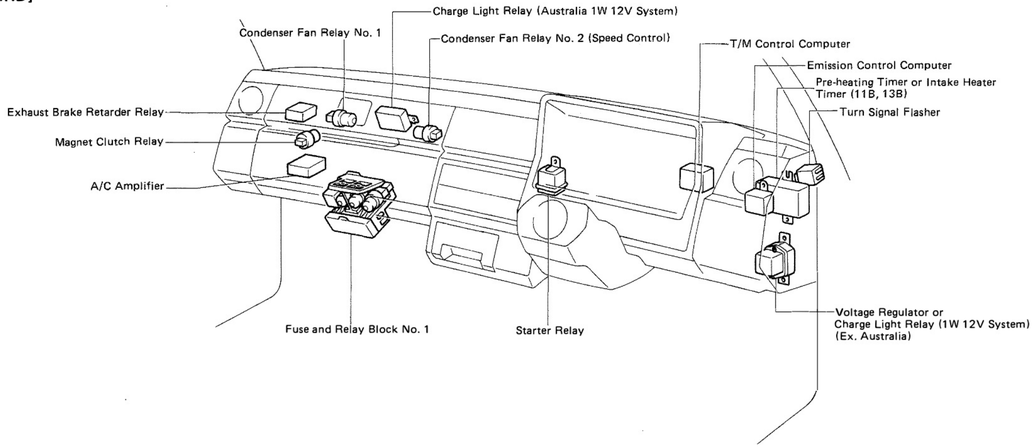
a = Situado en el bastidor delantero
b = Situado en el bastidor delantero

c = Situado en el centro del panel instrumental

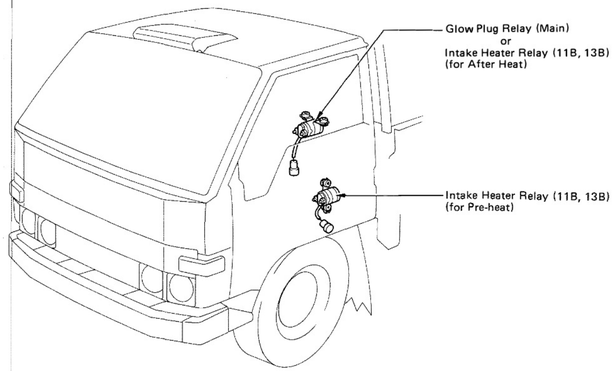
[LHD]



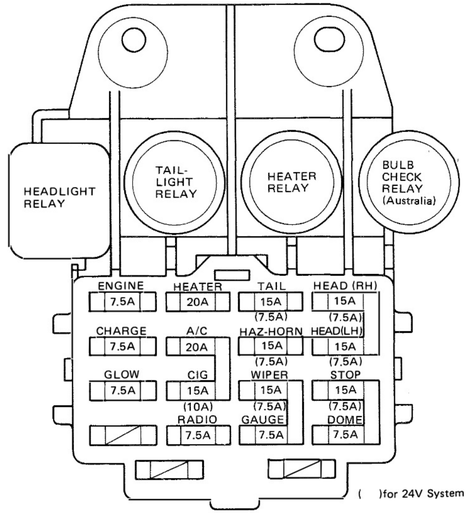
[RHD]



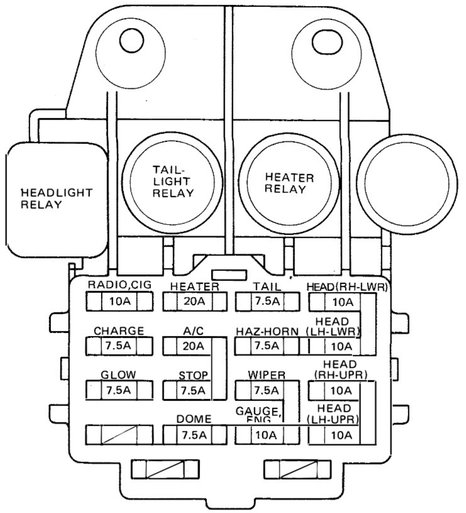
DYNA 200/250/300/350/400, Wide Cab RELAY LOCATIONS



Fuse and Relay Block No. 1
Ex. EUR (24V System)



Fuse and Relay Block No. 1
EUR (24V System)

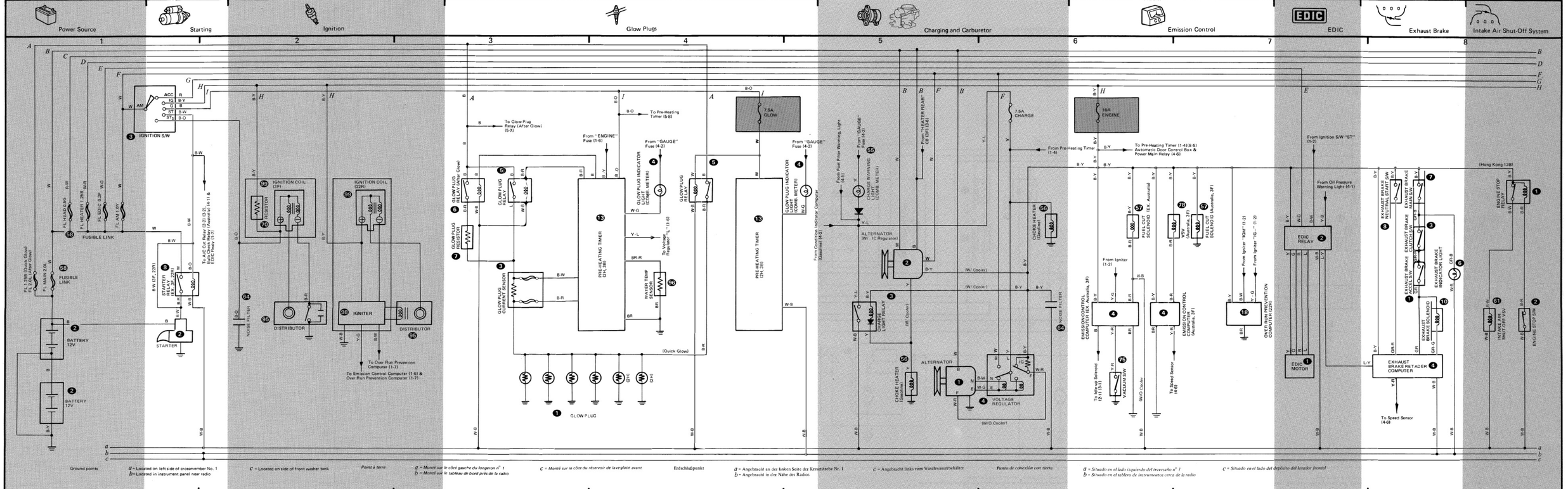


SYSTEM INDEX

COASTER

1988 Production Vehicles (Page 1 to Page 5)

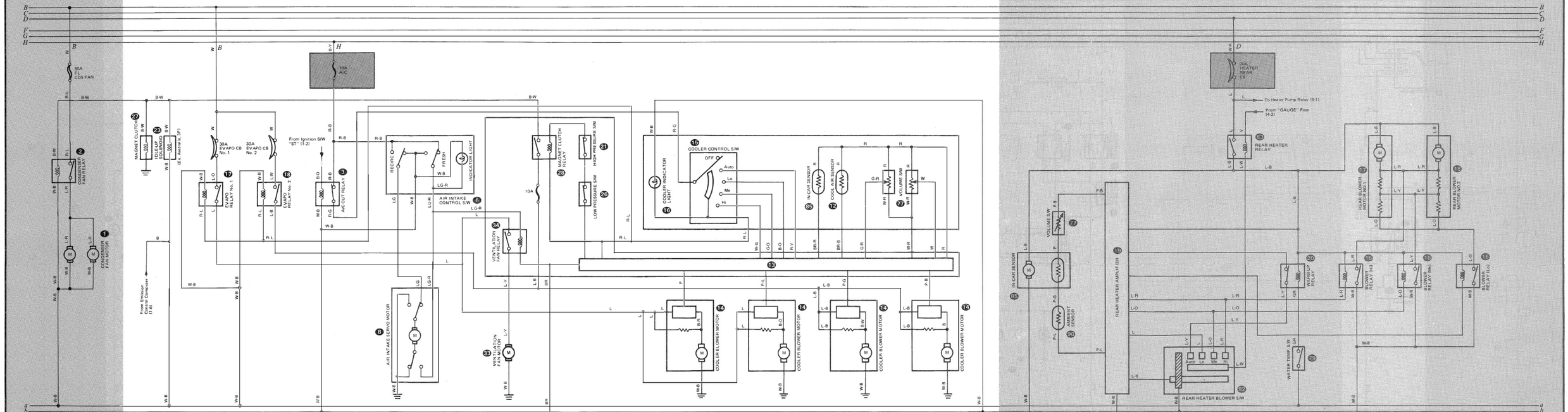
SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	2-3, 3-4
Automatic Door	4-6
Back-up Lights	4-4
Carburetor	1-5
Charging	1-5
Cigarette Lighter	5-6
Clock	5-6
Combination Meter	4-1
Condition Indicator	4-3
EDIC	1-7
Emission Control	1-6
Exhaust Brake	1-8
Front Wiper and Washer	4-5
Glow Plugs	1-4 (2H, 3B) 5-8 (12H-T, 13B)
Headlights	5-3 (Ex. U.K.) 5-5 (U.K.)
Heater Water Pump	6-1
Horn	3-8
Ignition	1-2
Intake Air Shut-Off System	1-8
Interior Lights	4-8
Power Source	1-1
Radiator Fan and Condenser Fan	2-1, 3-1
Radio and Tape Player	5-7
Rear Air Conditioner	2-7 (Auto Heater) 3-6
Rear Window Defogger	4-4
Rear Wiper and Washer	4-5
Seat Belt Warning	4-2
Starting	1-1
Stop Lights	5-1
Tachograph	5-7
Taillights and Illumination	5-2
Turn Signal and Hazard	3-7


Power Source
Starting
Ignition
Glow Plugs
Charging and Carburetor
Emission Control
EDIC
Exhaust Brake
Intake Air Shut-Off System
1
2
3
4
5
6
7
8
IGNITION S/W
FUSIBLE LINK
BATTERY 12V
STARTER
IGNITION COIL (3F)
IGNITION COIL (22R)
RESISTOR
DISTRIBUTOR
IGNITER
NOISE FILTER
GLOW PLUG RELAY (Glow)
GLOW PLUG RELAY (After Glow)
GLOW PLUG CONTROL SUB-ASSY
PRE-HEATING TIMER (2H, 3B)
GLOW PLUG INDICATOR LIGHT (COMB. METER)
WATER TEMP. SENSOR
GLOW PLUG
ALTERNATOR (W/ IC Regulator)
CHARGE WARNING LIGHT (COMB. METER)
CHARGE LIGHT RELAY
CHOKE HEATER (Gasoline)
VOLTAGE REGULATOR
EMISSION CONTROL COMPUTER (EX. Australia, 3F)
EMISSION CONTROL COMPUTER (Australia, 3F)
FUEL CUT SOLENOID
VSV (Vacuum, 3F)
OVER RUN PREVENTION COMPUTER (22R)
EDIC RELAY
EDIC MOTOR
EXHAUST BRAKE NEUTRAL START SW
EXHAUST BRAKE CLUTCH SW
EXHAUST BRAKE ACCELERATOR SW
EXHAUST BRAKE SOLENOID
EXHAUST BRAKE INDICATOR LIGHT
EXHAUST BRAKE RETARDER COMPUTER
ENGINE STOP RELAY
INTAKE AIR SHUT-OFF VSV
ENGINE STOP SW
7.5A GLOW
7.5A CHARGE
10A ENGINE
To Pre-Heating Timer (1-4)(B-5)
Automatic Door Control Box & Power Main Relay (4-6)
From Ignition S/W "ST" (1-2)
From Oil Pressure Warning Light (4-1)
From Ignition "IGA" (1-2)
From Ignition "IG–" (1-2)
To Speed Sensor (4-6)
(Hong Kong 13B)
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
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
Erdschlußpunkt
a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht in der Nähe des Radios
c = Angebracht links vom Waschwasserbehälter
Puntos 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

Radiator Fan and Condenser Fan

Air Conditioner, Cooler and Heater (Auto)

Rear Air Conditioner (Auto 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 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

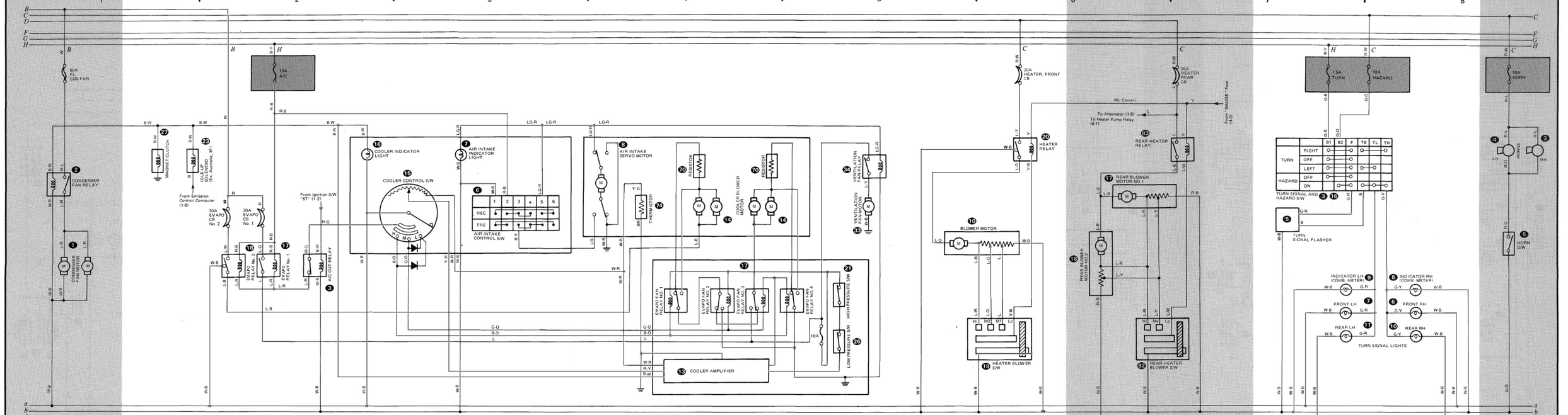
Radiator Fan and Condenser Fan

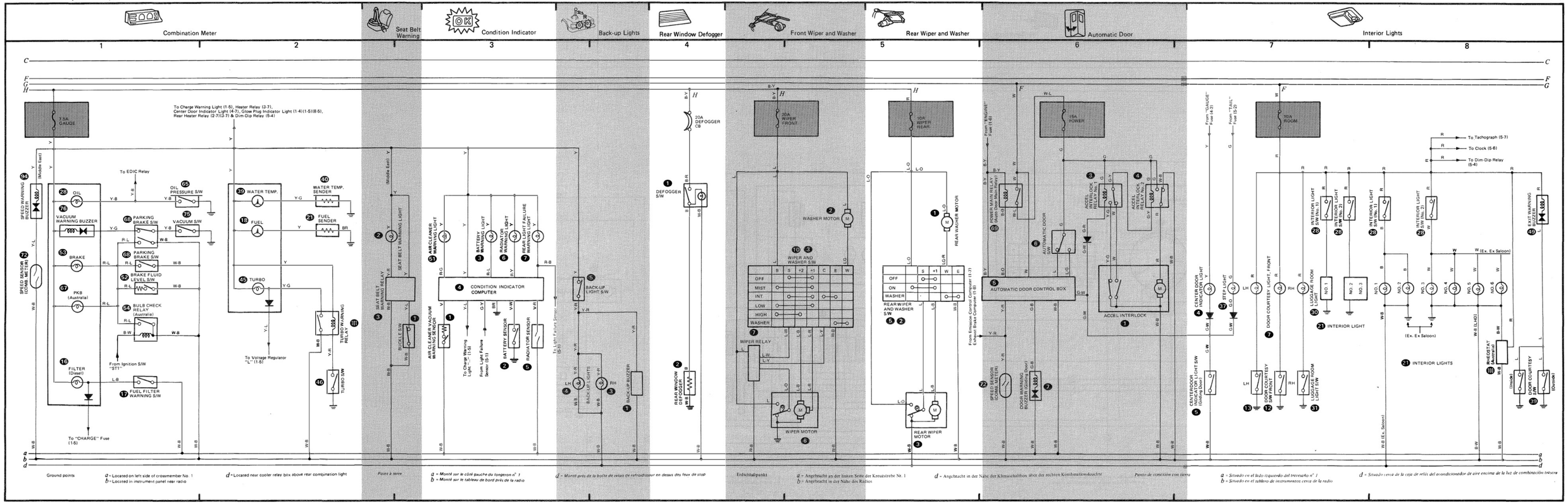
Air Conditioner, Cooler and Heater (Manual)

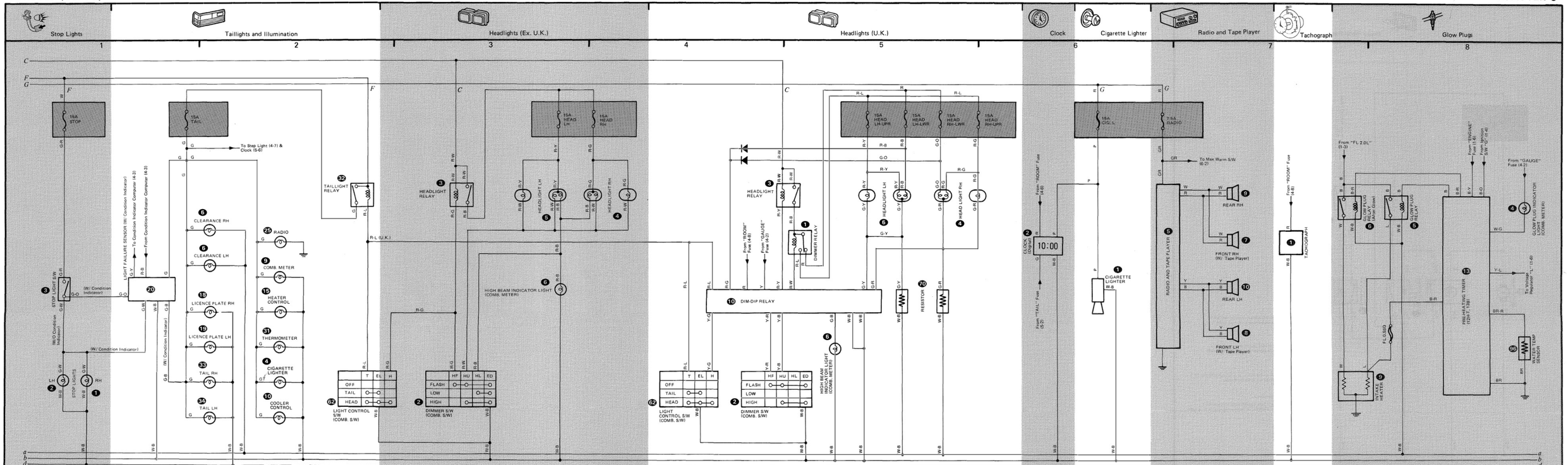
Rear Air Conditioner

Turn Signal and Hazard

Horn




Combination Meter
Seat Belt Warning
Condition Indicator
Back-up Lights
Rear Window Defogger
Front Wiper and Washer
Rear Wiper and Washer
Automatic Door
Interior Lights
1
2
3
4
5
6
7
8
7.5A GAUGE
To Charge Warning Light (1-5), Heater Relay (3-7), Center Door Indicator Light (4-7), Glow Plug Indicator Light (1-4)(1-5)(8-5), Rear Heater Relay (2-7)(3-7) & Dim-Dip Relay (5-4)
SPEED WARNING BUZZER
SPEED SENSOR (Transmission)
VACUUM WARNING BUZZER
BRAKE
PKB (Australia)
FILTER (Diesel)
OIL
OIL PRESSURE S/W
PARKING BRAKE S/W
VACUUM S/W
BRAKE FLUID LEVEL S/W
BULB CHECK RELAY (Australia)
FUEL FILTER WARNING S/W
To EDIC Relay
From Ignition S/W "ST1"
To "CHARGE" Fuse (1-5)
WATER TEMP.
FUEL
TURBO
WATER TEMP. SENDER
FUEL SENDER
TURBO WARNING RELAY
TURBO S/W
To Voltage Regulator "L" (1-5)
SEAT BELT WARNING RELAY
BUCKLE S/W
SEAT BELT WARNING LIGHT
AIR CLEANER WARNING LIGHT
AIR CLEANER VACUUM WARNING SWITCH
CONDITION INDICATOR COMPUTER
To Charge Warning Light (1-5)
From Light Failure Sensor (3-1)
BATTERY WARNING LIGHT
RADIATOR WARNING LIGHT
REAR LIGHT FAILURE WARNING LIGHT
BATTERY SENSOR
RADIATOR SENDER
To Light Failure Sensor (3-1)
BACK-UP LIGHT S/W
BACK-UP LIGHTS
BACK-UP BUZZER
20A DEFOGGER CB
DEFOGGER S/W
REAR WINDOW DEFOGGER
20A WIPER FRONT
WASHER MOTOR
WIPER AND WASHER S/W
OFF
MIST
INT.
LOW
HIGH
WASHER
WIPER RELAY
WIPER MOTOR
10A WIPER REAR
REAR WASHER MOTOR
REARWIPER AND WASHER S/W
REAR WIPER MOTOR
From "ENGINE" Fuse (1-6)
15A POWER
POWER MAIN RELAY (Main Door Main Relay)
AUTOMATIC DOOR S/W
AUTOMATIC DOOR CONTROL BOX
From Emission Control Computer (1-2) (Ex. Diesel & Australia)
ACCEL INTERLOCK RELAY No. 1
ACCEL INTERLOCK RELAY No. 2
ACCEL INTERLOCK
SPEED SENSOR (COMBI METER)
DOOR WARNING BUZZER (Sliding Door)
From "GAUGE" Fuse (4-2)
From "TAIL" Fuse (5-2)
10A ROOM
To Tachograph (5-7)
To Clock (5-6)
To Dim-Dip Relay (5-4)
CENTER DOOR INDICATOR LIGHT
STEP LIGHT
CENTER DOOR COURTESY LIGHT S/W (Sliding Door)
DOOR COURTESY LIGHT, FRONT
DOOR COURTESY LIGHT S/W FRONT
LUGGAGE ROOM LIGHT
LUGGAGE ROOM LIGHT S/W
INTERIOR LIGHT S/W (No. 1)
INTERIOR LIGHT S/W (No. 2)
INTERIOR LIGHT
INTERIOR LIGHTS
(Ex. Ex Saloon)
RHEOSTAT (Australia)
EXIT WARNING BUZZER
DOOR COURTESY SW (Inside)
DOOR COURTESY SW (Outside)
W (Ex. Ex Saloon)
W-B (LHD)
W-B (Ex. Saloon)
Ground points
a = Located on left side of crossmember No. 1
b = Located in instrument panel near radio
d = Located near cooler relay box above rear combination light
Points à terre
a = Monté sur le côté gauche du longeron n° 1
b = Monté sur le tableau de bord près de la radio
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
d = Angebracht in der Nähe der Klimaschaltbox über der rechten Kombinationsleuchte
Puntos 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
d = Situado cerca de la caja de relés del acondicionador de aire encima de la luz de combinación trasera

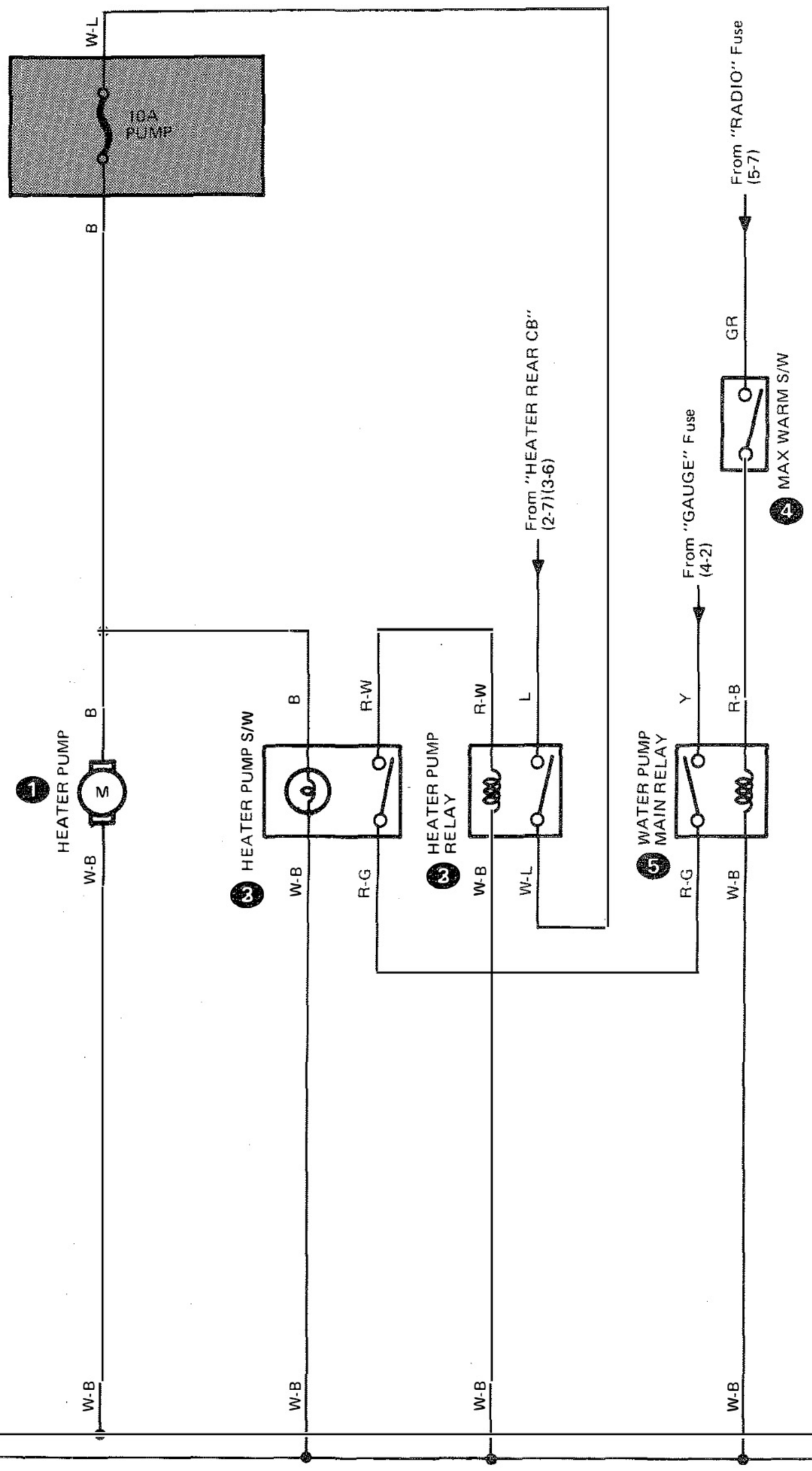

Stop Lights
Taillights and Illumination
Headlights (Ex. U.K.)
Headlights (U.K.)
Clock
Cigarette Lighter
Radio and Tape Player
Tachograph
Glow Plugs
1
2
3
4
5
6
7
8
15A STOP
15A TAIL
15A HEAD LH
15A HEAD RH
15A HEAD LH-UPR
15A HEAD LH-LWR
15A HEAD RH-LWR
15A HEAD RH-UPR
16A CIG.
7.5A RADIO
To Step Light (4-7) & Clock (5-6)
To Condition Indicator Computer (4-3)
From Condition Indicator Computer (4-3)
LIGHT FAILURE SENSOR (W/ Condition Indicator)
STOP LIGHT SW
(W/ Condition Indicator)
(W/O Condition Indicator)
STOP LIGHTS
CLEARANCE RH
CLEARANCE LH
LICENCE PLATE RH
LICENCE PLATE LH
TAIL RH
TAIL LH
RADIO
COMB. METER
HEATER CONTROL
THERMOMETER
CIGARETTE LIGHTER
COOLER CONTROL
TAILLIGHT RELAY
HEADLIGHT RELAY
HEADLIGHT LH
HEADLIGHT RH
HIGH BEAM INDICATOR LIGHT (COMB. METER)
R-L (U.K.)
OFF
TAIL
HEAD
T
EL
H
LIGHT CONTROL S/W (COMB. S/W)
FLASH
LOW
HIGH
HF
HU
HL
ED
DIMMER S/W (COMB. S/W)
From "ROOM" Fuse (4-8)
From "GAUGE" Fuse (4-2)
DIMMER RELAY
DIM-DIP RELAY
RESISTOR
From "ROOM" Fuse (4-8)
From "TAIL" Fuse (5-2)
CLOCK (Digital)
10:00
CIGARETTE LIGHTER
To Mic Warm S/W (6-2)
RADIO AND TAPE PLAYER
REAR RH
FRONT RH (W/ Tape Player)
REAR LH
FRONT LH (W/ Tape Player)
From "ROOM" Fuse (4-8)
TACHOGRAPH
From "FL 2.0L" (1-3)
From "ENGINE" Fuse (4-2)
From Ignition S/W "C" (1-4)
From "GAUGE" Fuse (4-2)
GLOW PLUG RELAY (After Glow)
GLOW PLUG RELAY
PRE-HEATING TIMER (12HT, 13B)
GLOW PLUG INDICATOR (COMB. METER)
To Voltage Regulator "IL" (1-6)
FL-0.5G/3
INTAKE HEATER
WATER TEMP. SENSOR
Ground points
a = Located on left side of crossmember No. 1
b = Located in instrument panel near radio
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
d = Monté près de la boîte de relais de refroidissem'en dessus des feux de stop
Erdschlußpunkt
a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht in der Nähe des Radios
d = Angebracht in der Nähe der Kühlschaltbox 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
d = Situado cerca de la caja de relés del acondicionador de aire encima de la luz de combinación trasera



Heater Water Pump

1

2



Ground points

a = Located on left side of crossmember No. 1
b = Located in instrument panel near radio

Point à terre

a = *Monté sur le côté gauche du longeron n° 1*
b = *Monté sur le tableau de bord près de la radio*

Erdschlußpunkt

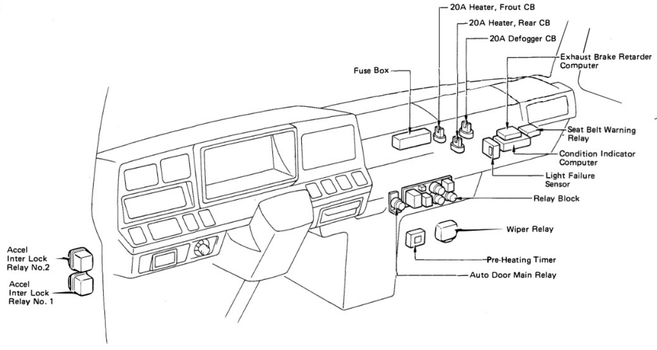
a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht in der Nähe des Radios

Punto de conexión con tierra

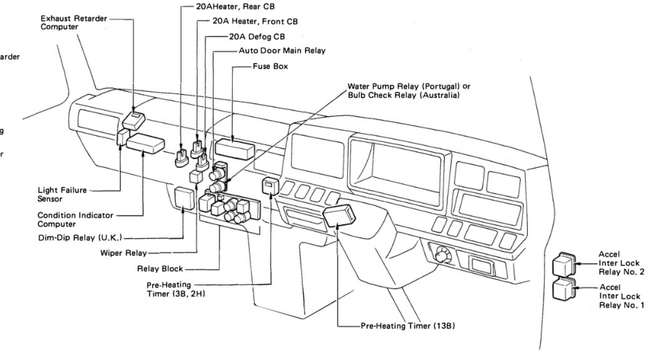
a = *Situado en el lado izquierdo del travesaño n° 1*
b = *Situado en el tablero de instrumentos cerca de la radio*

COASTER RELAY LOCATIONS

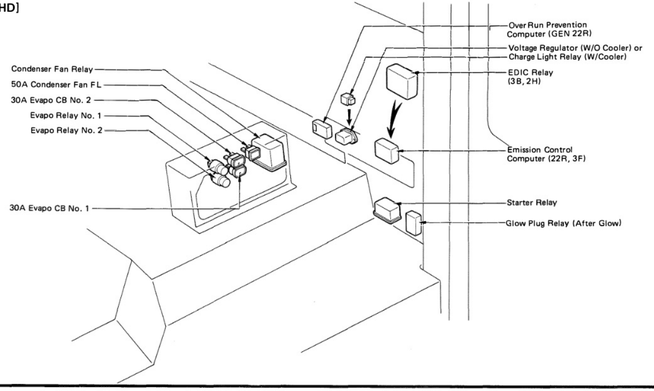
[LHD]



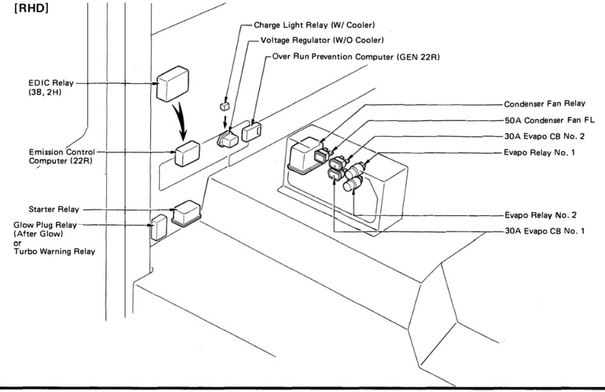
[RHD]



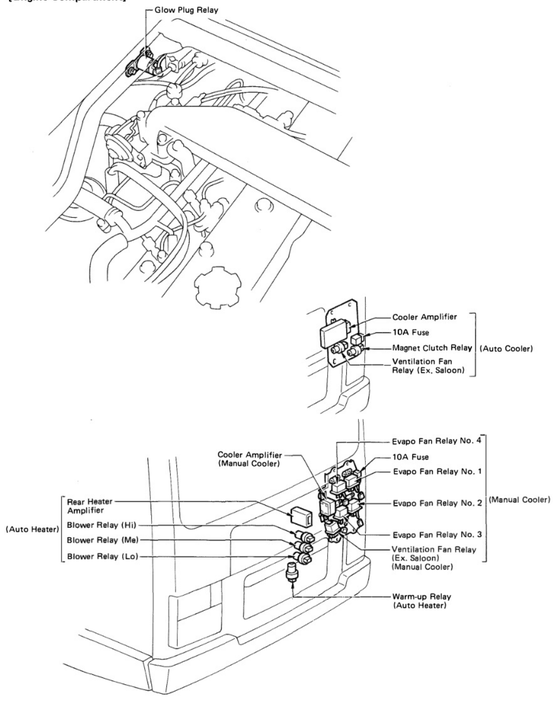
[LHD]



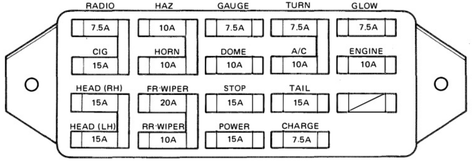
[RHD]



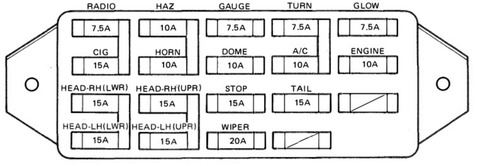
[Engine Compartment]



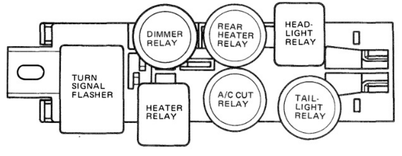
Fuse Box
(Ex. Portugal)



(Portugal)



Relay Block

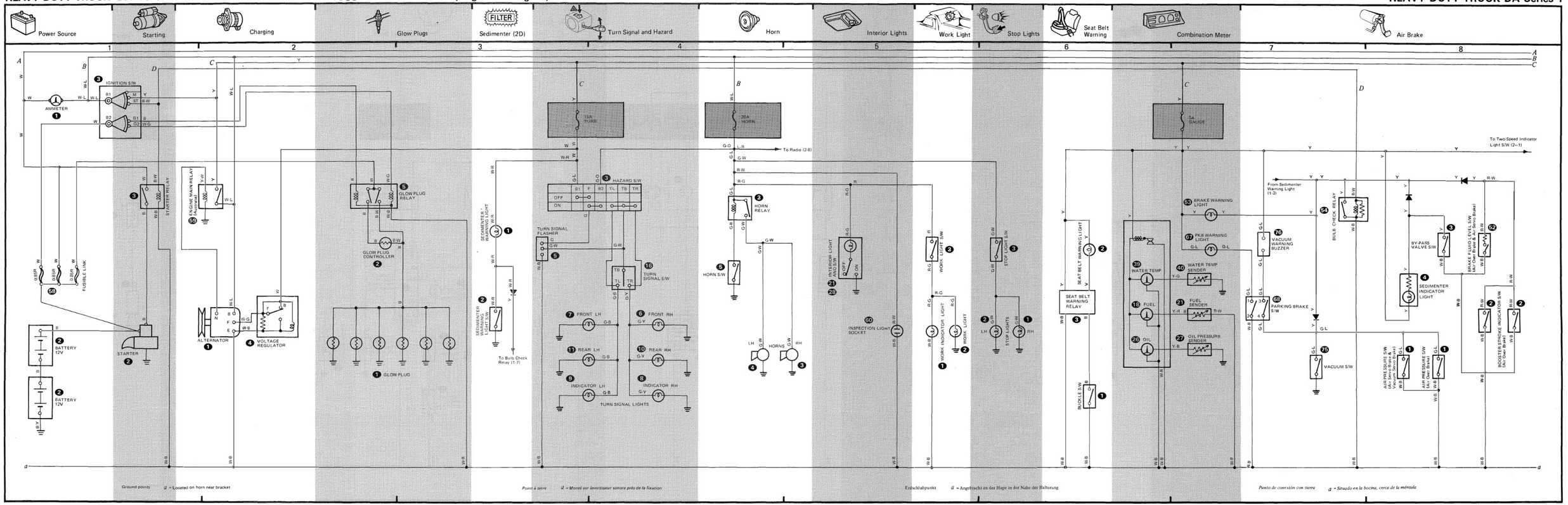


SYSTEM INDEX

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Power Source | Starting | Charging | Glow Plugs | Sedimenter (2D) | Turn Signal and Hazard | Horn | Interior Lights | Work Light | Stop Lights | Seat Belt Warning | Combination Meter | Air Brake



Ground points a = Located on horn near bracket

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

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

Puntos de conexión con tierra a = Situado en la bocina, cerca de la montura

Two-Speed | Dump | Back-up Light | Fog Lights | Taillights and Illumination | Headlights | Air Conditioner, Cooler and Heater | Exhaust Brake | Front Wiper and Washer | Cigarette Lighter | Radio and Tape Player

1 2 3 4 5 6 7 8

