

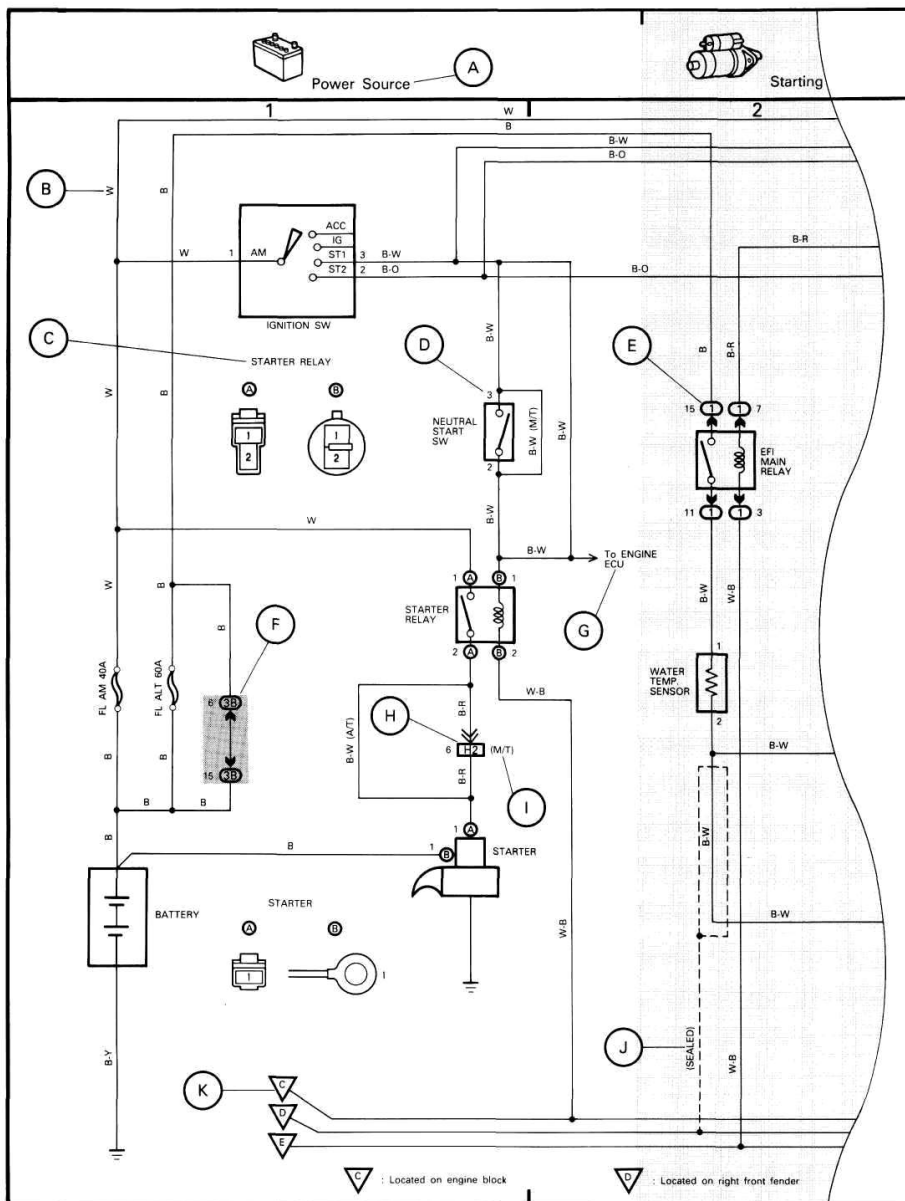
ELECTRICAL WIRING DIAGRAMS

ABBREVIATION

The following abbreviations are used in this wiring diagram.

A/C	=	Air Conditioner
A/T	=	Automatic Transmission
CB	=	Circuit Breaker
CD	=	Compact Disc
ECU	=	Electronic Control Unit
EFI	=	Electronic Fuel Injection
EGR	=	Exhaust Gas Recirculation
EUR	=	Europe
Ex.	=	Except
FL	=	Fusible Link
ISC	=	Idle Speed Control
J/B	=	Junction Block
LH	=	Left-Hand
M/T	=	Manual Transmission
PKB	=	Parking Brake
PPS	=	Progressive Power Steering
R/B	=	Relay Block
RH	=	Right-Hand
SC	=	Spark Control
SW	=	Switch
TP	=	Throttle Positioner
VSV	=	Vacuum Switching Valve
w/	=	With
w/o	=	Without
W/G	=	Wagon
2WD	=	Two Wheel Drive Vehicles (4 x 2)
4WD	=	Four Wheel Drive Vehicles (4 x 4)

D 2



(A): System Title

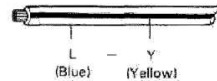
(B): Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

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

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

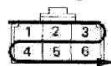
Example: L-Y



(C): Indicates the connector to be connected to a part (the numeral indicates the pin No.)

(D): Indicates the pin number of the connector. The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right Numbered in order from upper right to lower left



Female



Male

BE0832

The numbering system for the overall wiring diagram is the same as above.

(E): Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: Indicates Relay Block No.1.

(F): Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts (different junction blocks are shaded differently for further clarification).

Example:

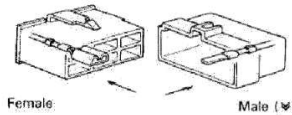


3B indicates that it is inside Junction Block No.3.

(G): Indicates related system.

(H): Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (↗). Outside numerals are pin numbers.

- All connectors are shown from the open end, and the lock is on top.



Female

Male (↗)

BE0833

(I): () are used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

(J): Indicates a sealed wiring harness.



(K): Indicates a ground point.

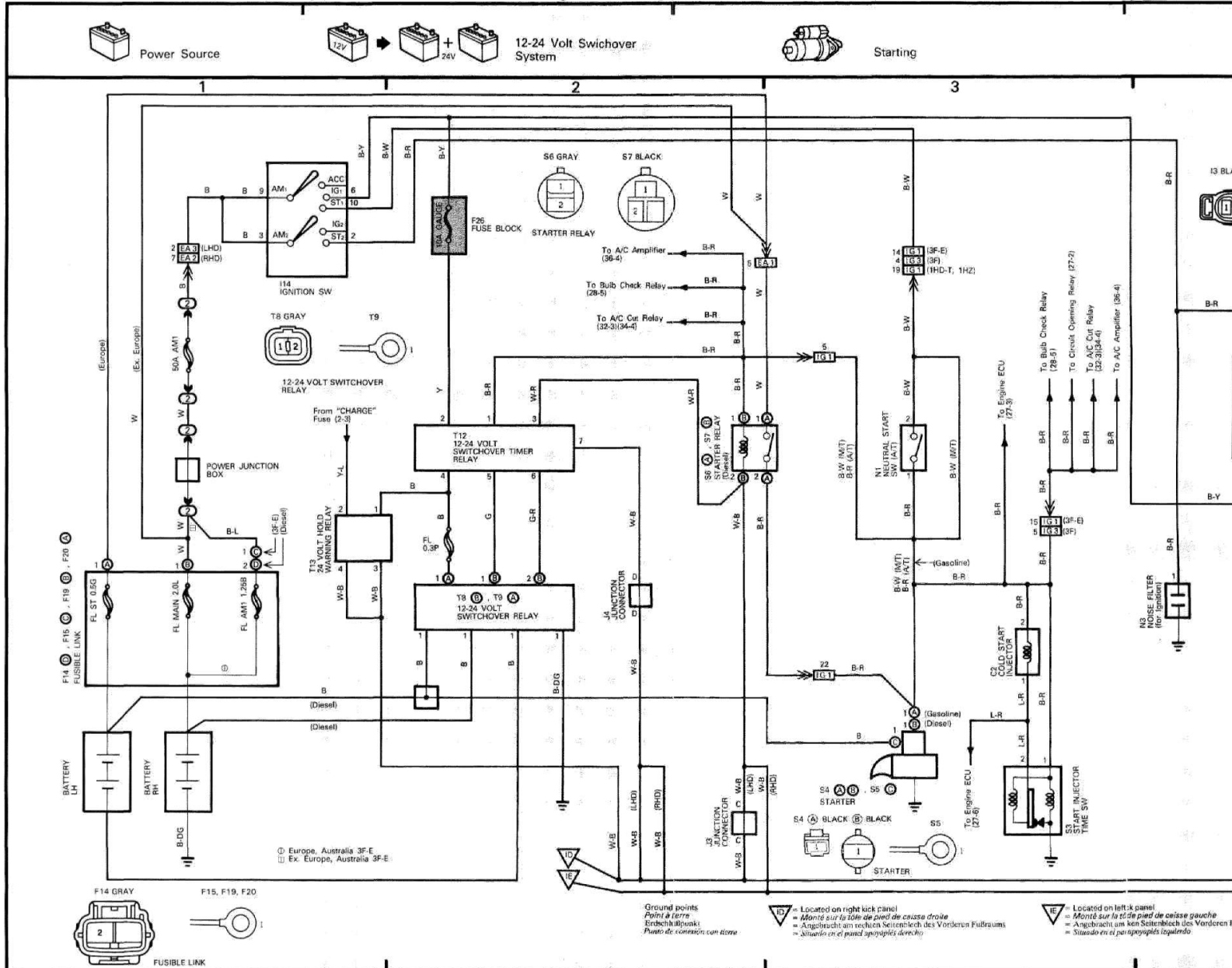
SYSTEM INDEX

LAND CRUISER (W/G)

(Page 1 to Page 40)

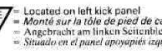
SYSTEMS	LOCATION	SYSTEMS	LOCATION
Accessory Meter	 20-3	Light Reminder	 24-3
Air Conditioner, Cooler and Heater	 30-2 (Auto) 34-3 (Manual Dual Type) 35-2 (Manual Single Type)	Moon Roof	 19-2
Auto Antenna	 13-3	Power Seat	 19-3
Automatic Transmission Indicator	 21-2	Power Source	 1~28-1 30-1, 34-1
Back-Up Lights	 21-3	Power Window	 15-2
Charging	 2-2	PPS (Progressive Power Steering)	 5-3
Cigarette Lighter	 24-3	Radio and Tape Player	 28-3 (w/o CD Player) 28-5 (w/ CD Player)
Clock	 24-2	Rear Air Conditioner	 33-2 (Auto) 35-3 (Manual)
Combination Meter	 28-2	Rear Fog Light	 14-2
Condenser Fan	 34-2	Rear Window Defogger	 18-2
Cool and Hot Box	 33-6	Rear Wiper and Washer	 17-3
Cruise Control	 23-2	Remote Control Mirror	 20-2
Door Lock	 16-2	Seat Belt Warning	 21-4
Emission Control	 3-2 (Ex. Middle East) 3-3 (Middle East)	Seat Heater	 18-4
Engine Control	 27-2	Starting	 1-3
Engine Compartment Cooling Fan	 5-2	Stop Light	 24-4
Front Wiper and Washer	 17-2	Taillight and Illumination	 25-2
Fuel Tank Changeover	 29-6	Turn Signal and Hazard	 12-2
Fuel Heater	 19-4	Winch	 5-4
Glow Plug	 4-2	4WD	 22-2
Headlight Beam Level Control	 6-2	12/24 Volt Switchover System	 1-2
Headlight Cleaner	 3-4		
Headlight	 7-2 (w/ Daytime Running Light) 9-3 (LHD in Europe w/o Daytime Running Light) 9-2 (LHD) 10-2 (Ex. LHD in Europe)	Connector Joining Wire	37-2
Horn	 12-4	Harness and Wire Harness	38-2
Ignition	 1-4	Junction Connector	39-2
Interior Light	 11-2		40-2

LAND CRUISER (W/G) ELECTRICAL WIRING DIAGRAM (Page 1 to Page 40)

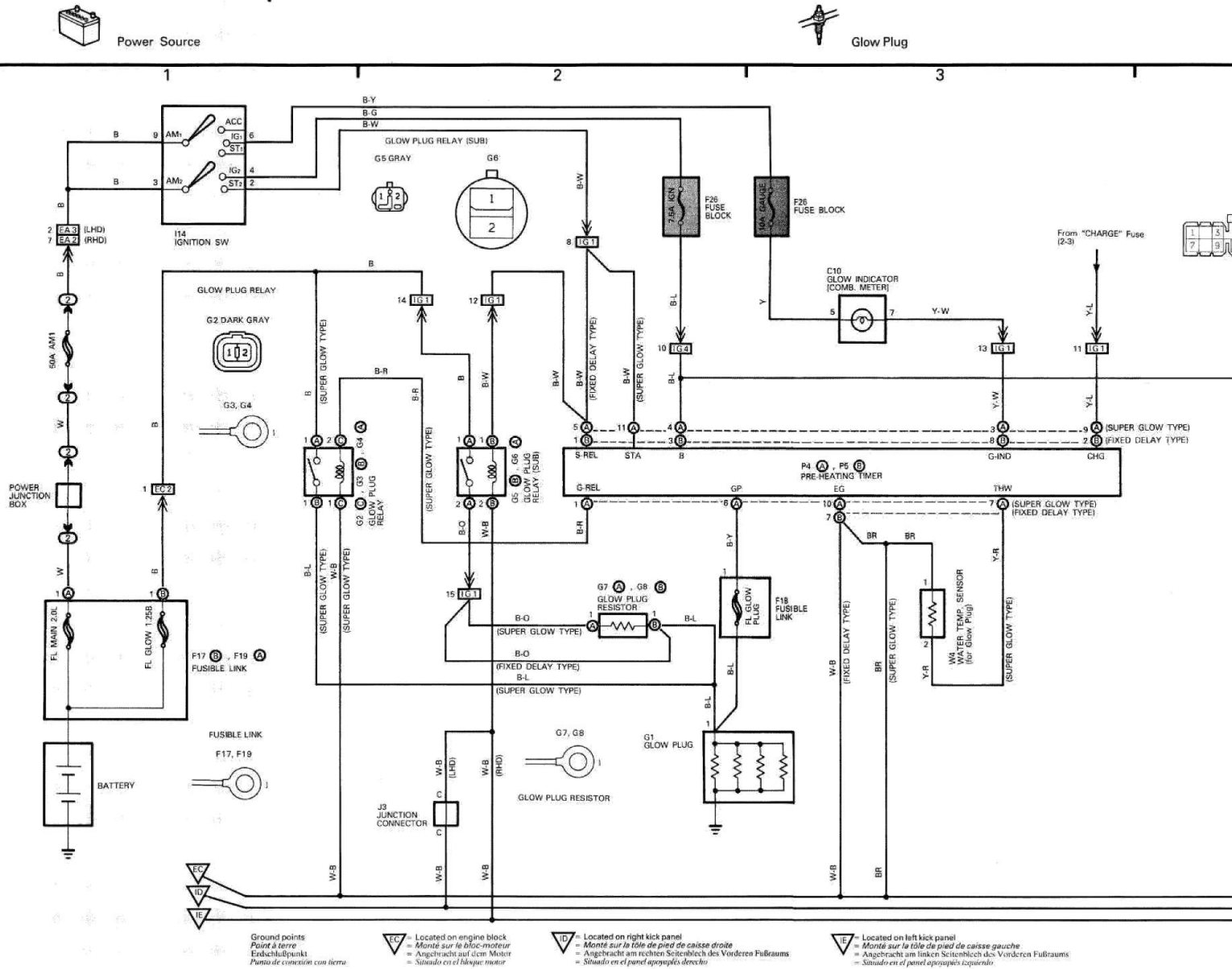


Power Source

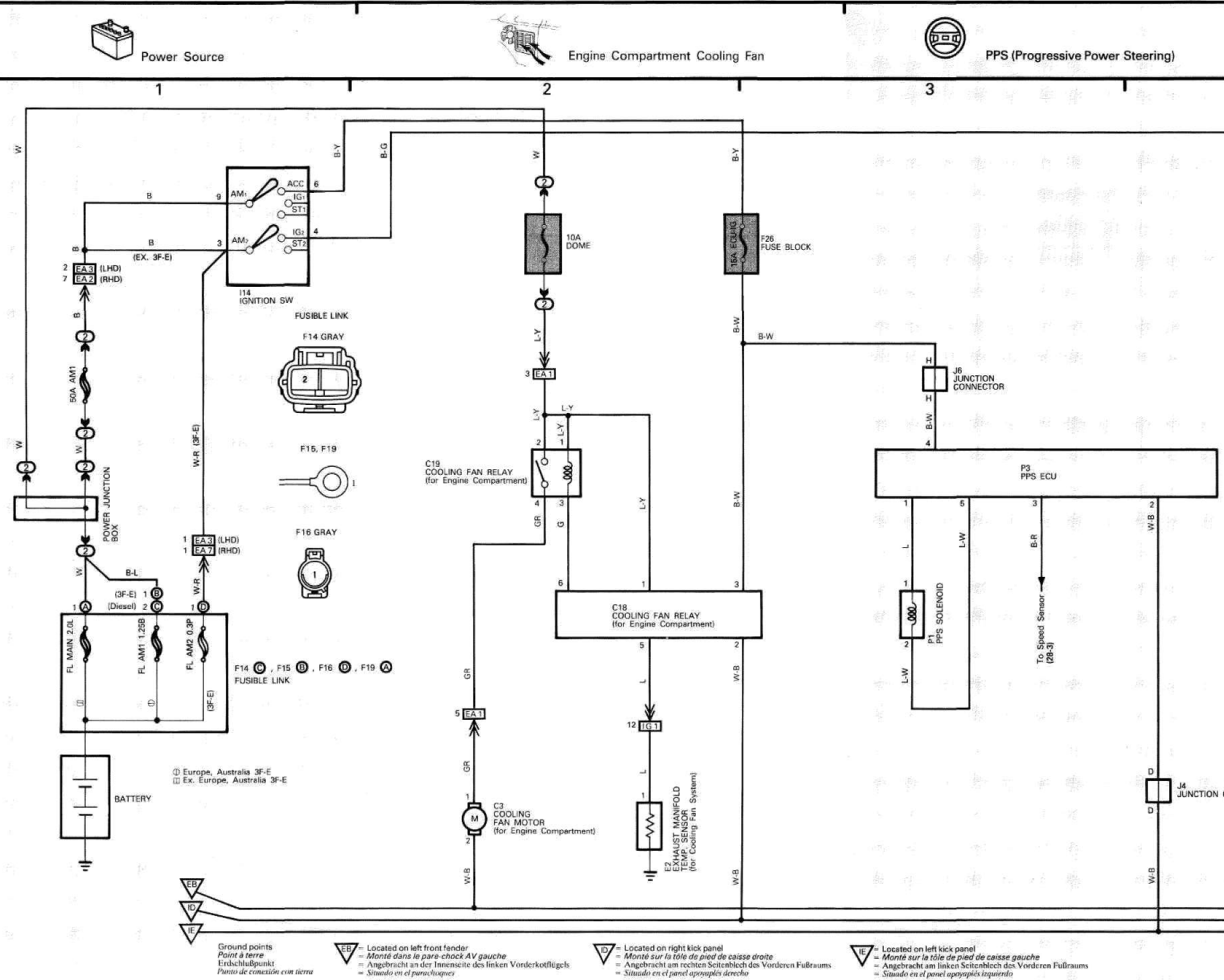


 Emission Control (Middle East)

4 LAND CRUISER (W/G) (Cont'd)



LAND CRUISER (W/G) (Cont'd)



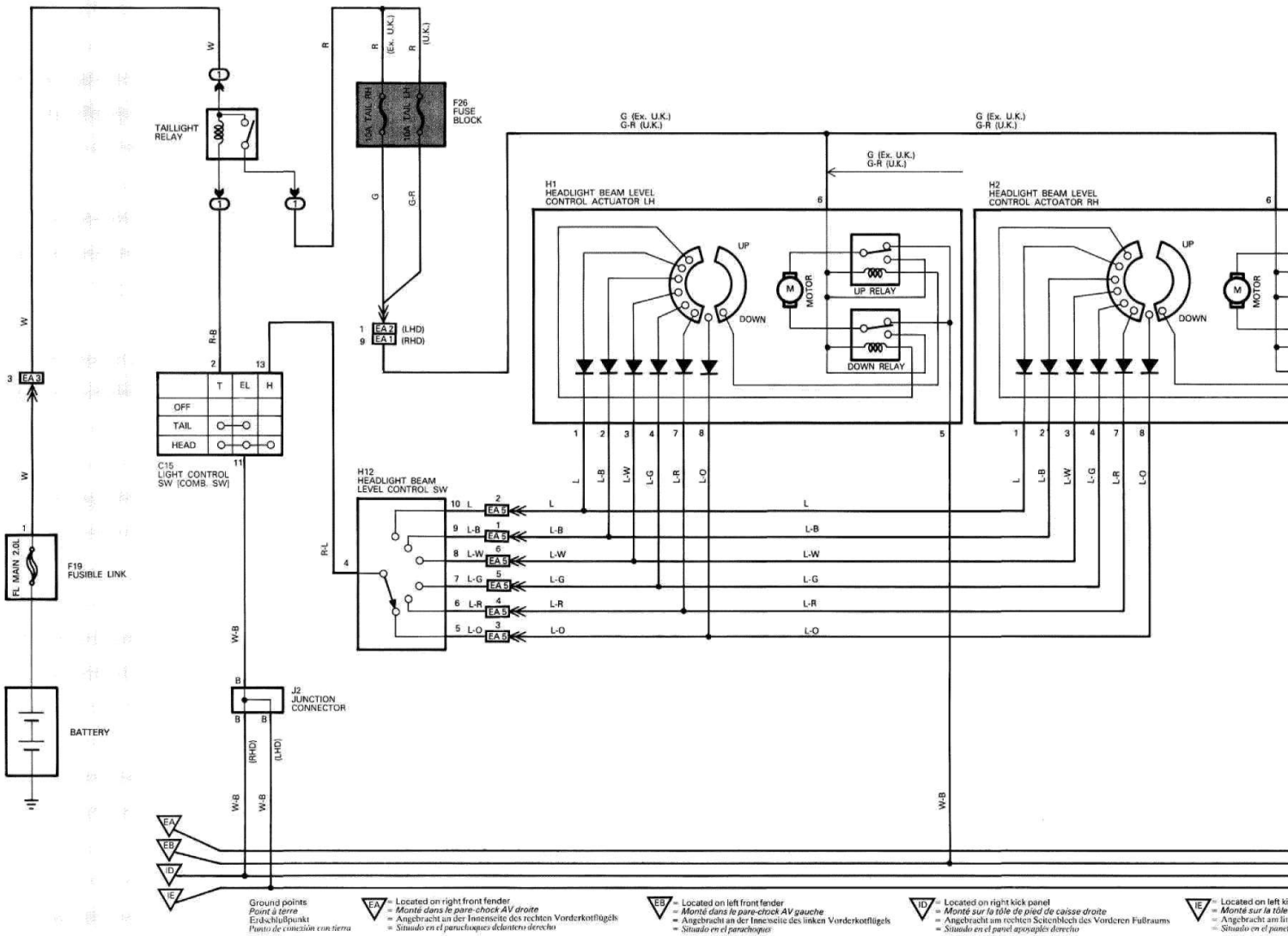
6 LAND CRUISER (W/G) (Cont'd)



Power Source



Headlight Beam Level Control



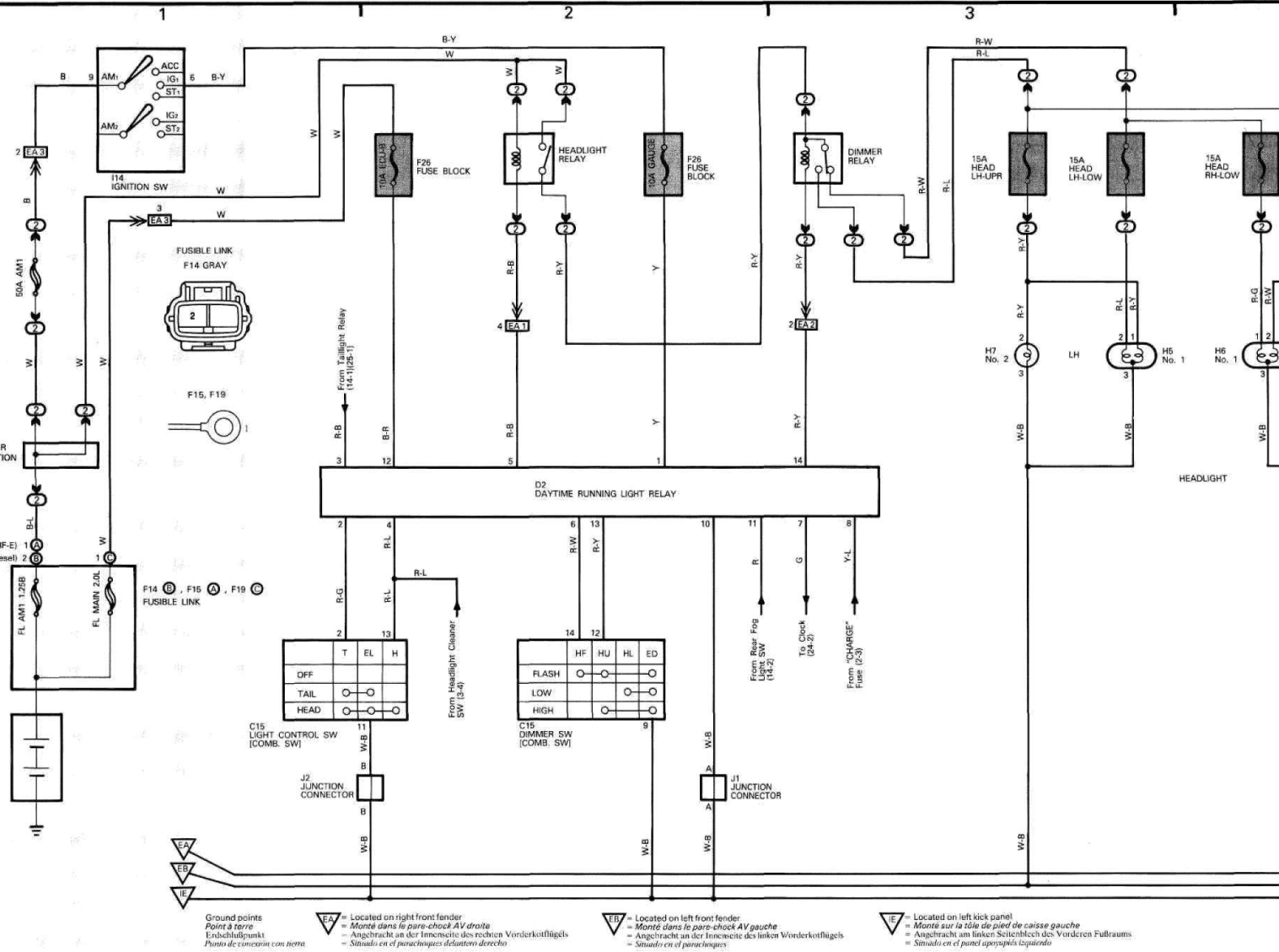
LAND CRUISER (W/G) (Cont'd)



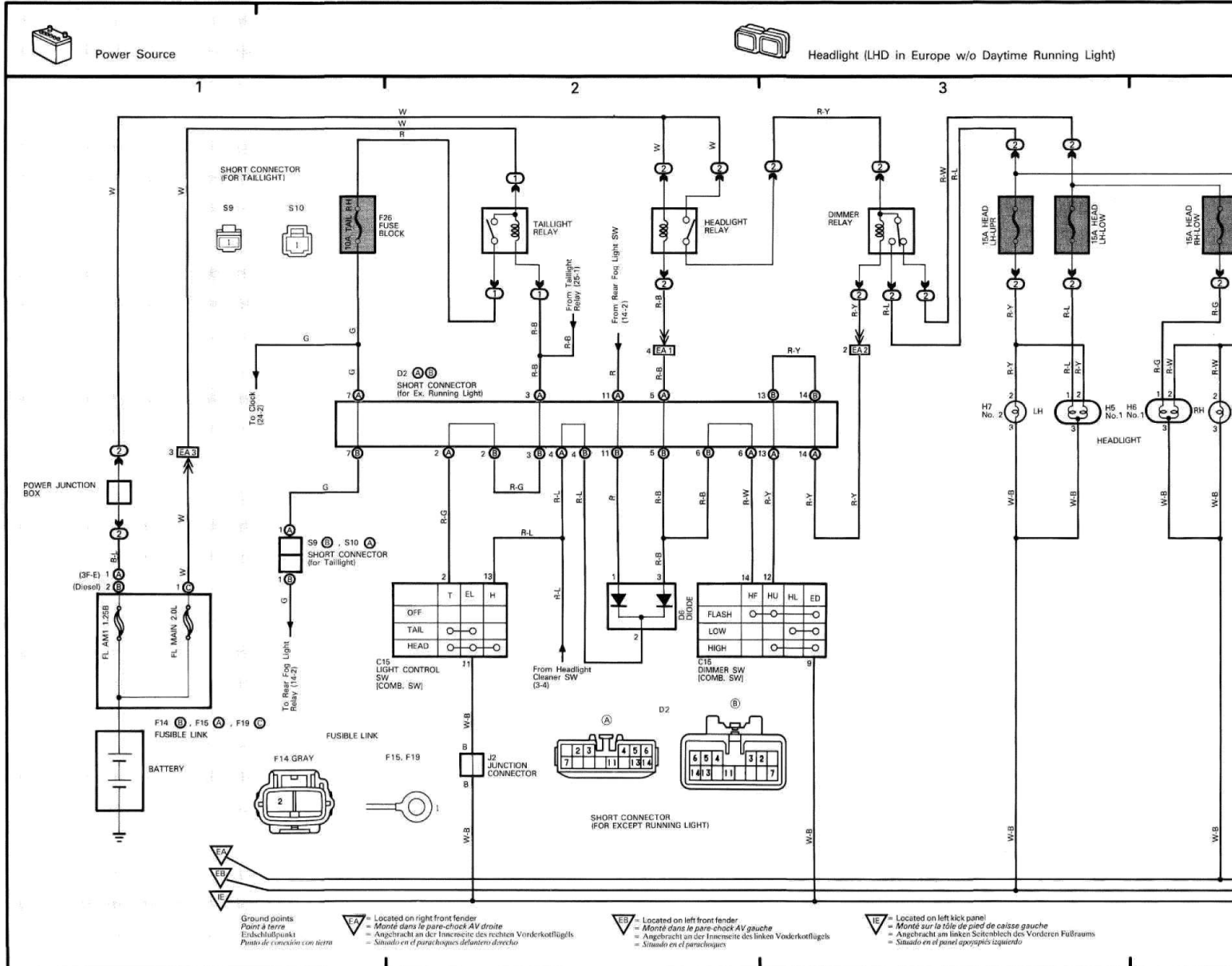
Power Source



Headlight (w/ Daytime Running Light)



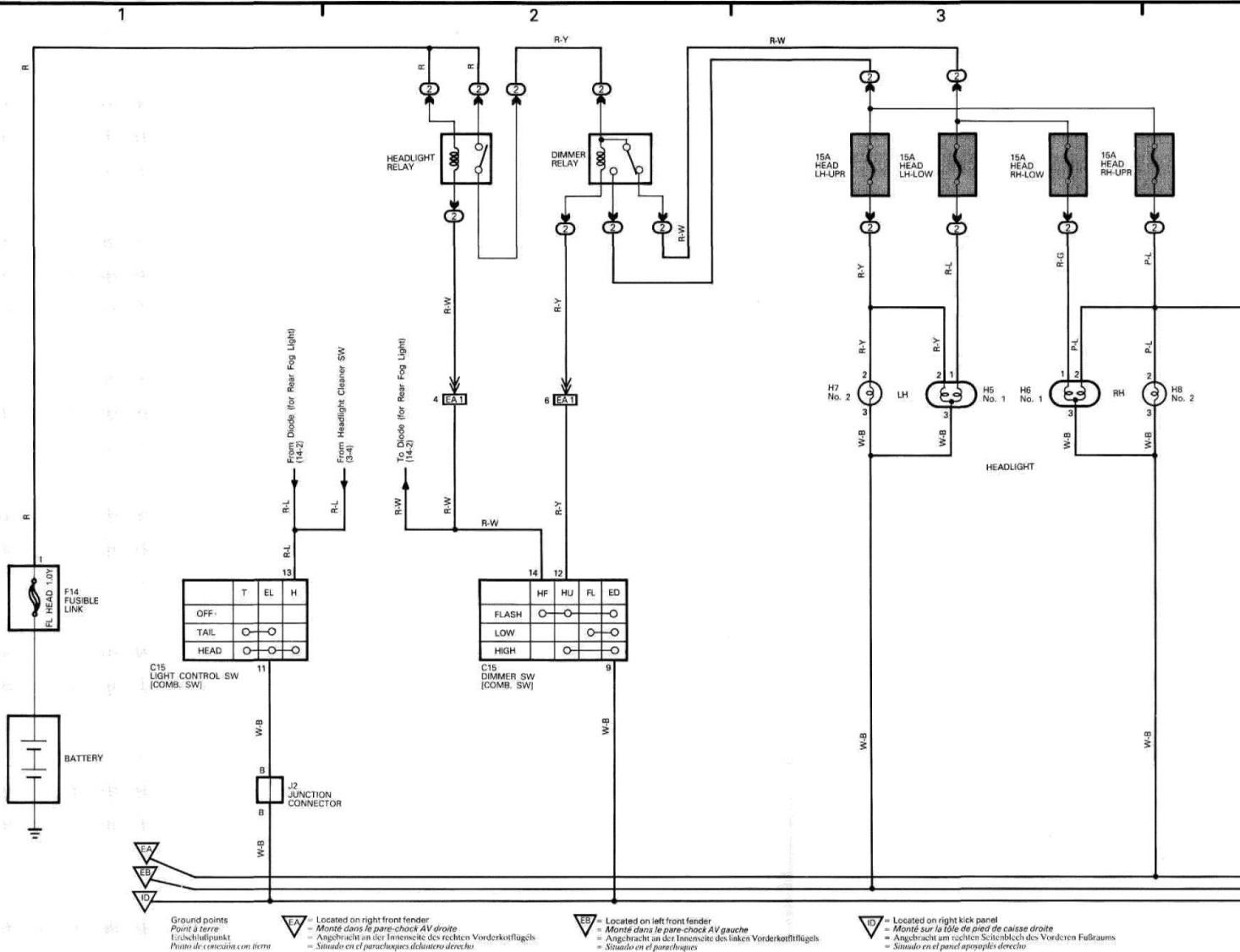
8 LAND CRUISER (W/G) (Cont'd)



Power Source



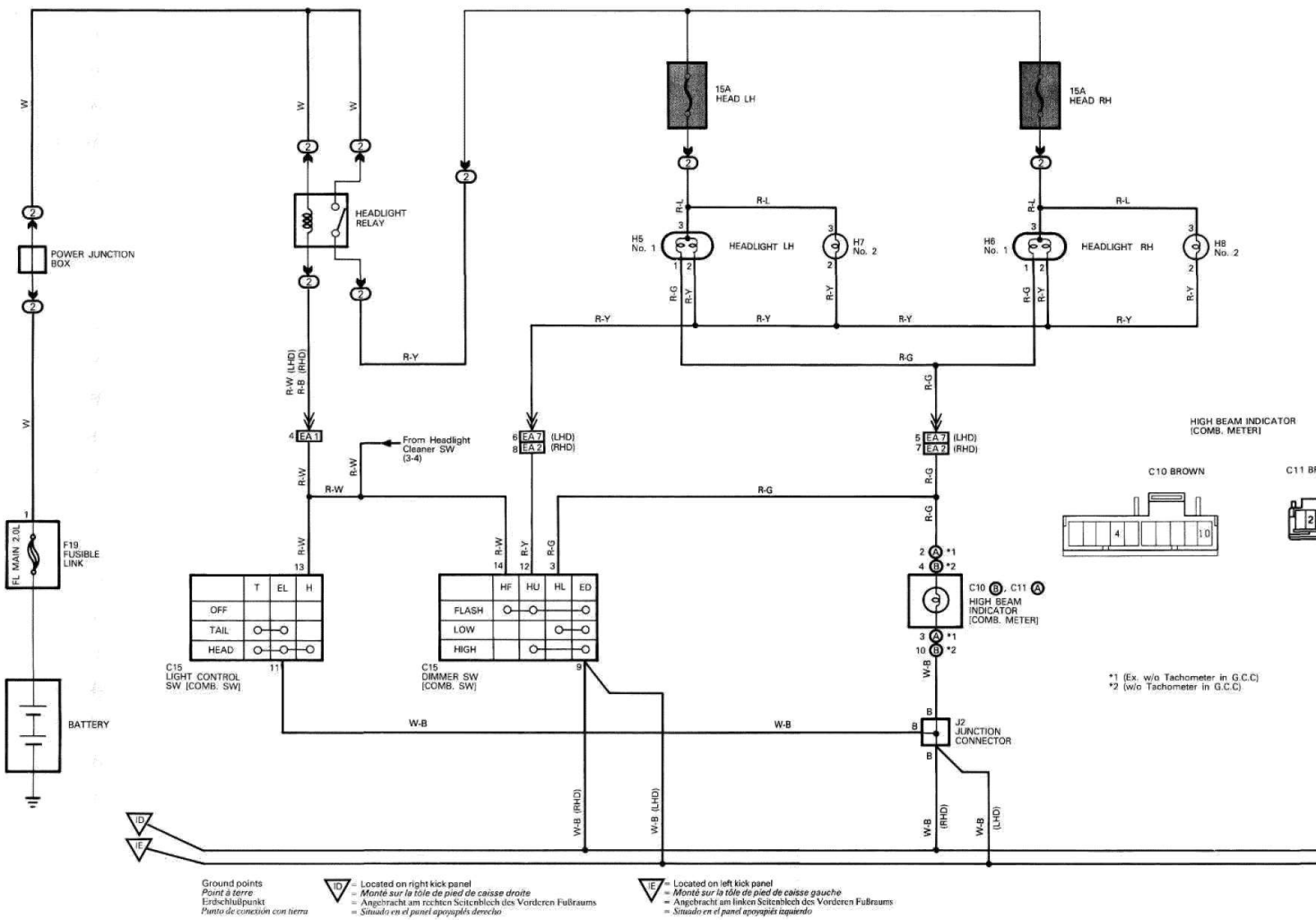
Headlight (U.K.)



10 LAND CRUISER (W/G) (Cont'd)



Headlight (Ex. LHD in Europe)



[illegible]

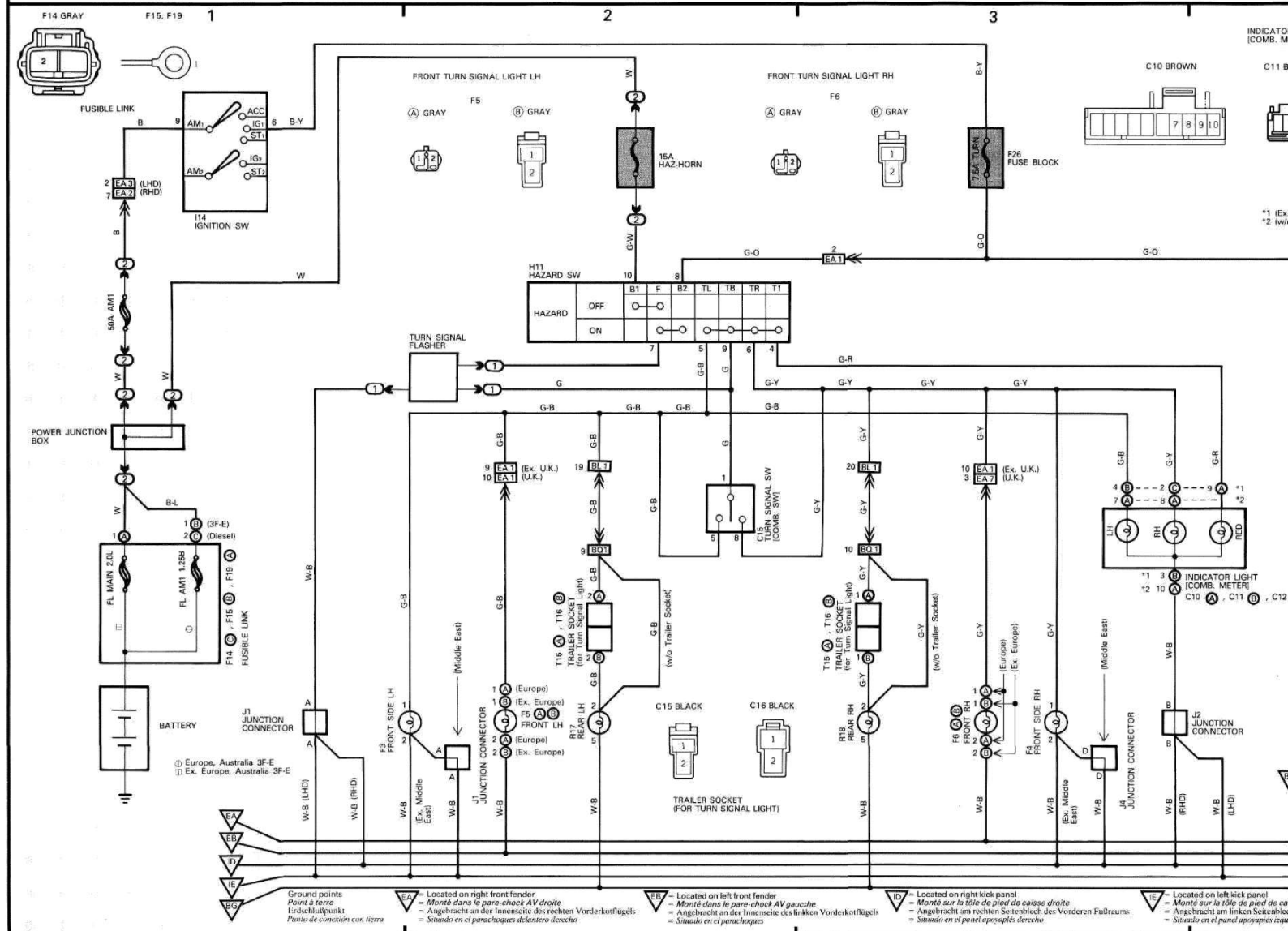
12 LAND CRUISER (W/G) (Cont'd)



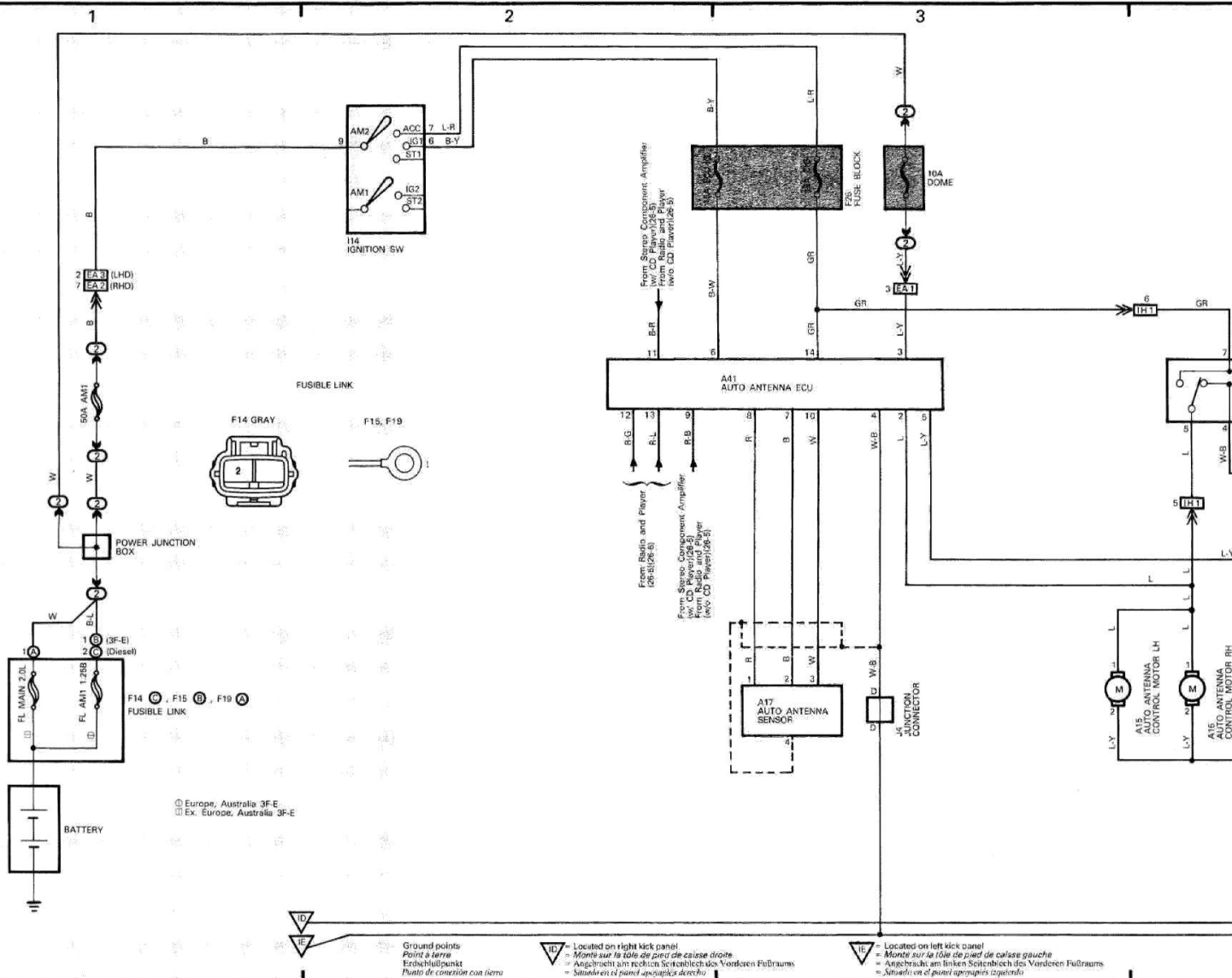
Power Source



Turn Signal and Hazard



Power Source



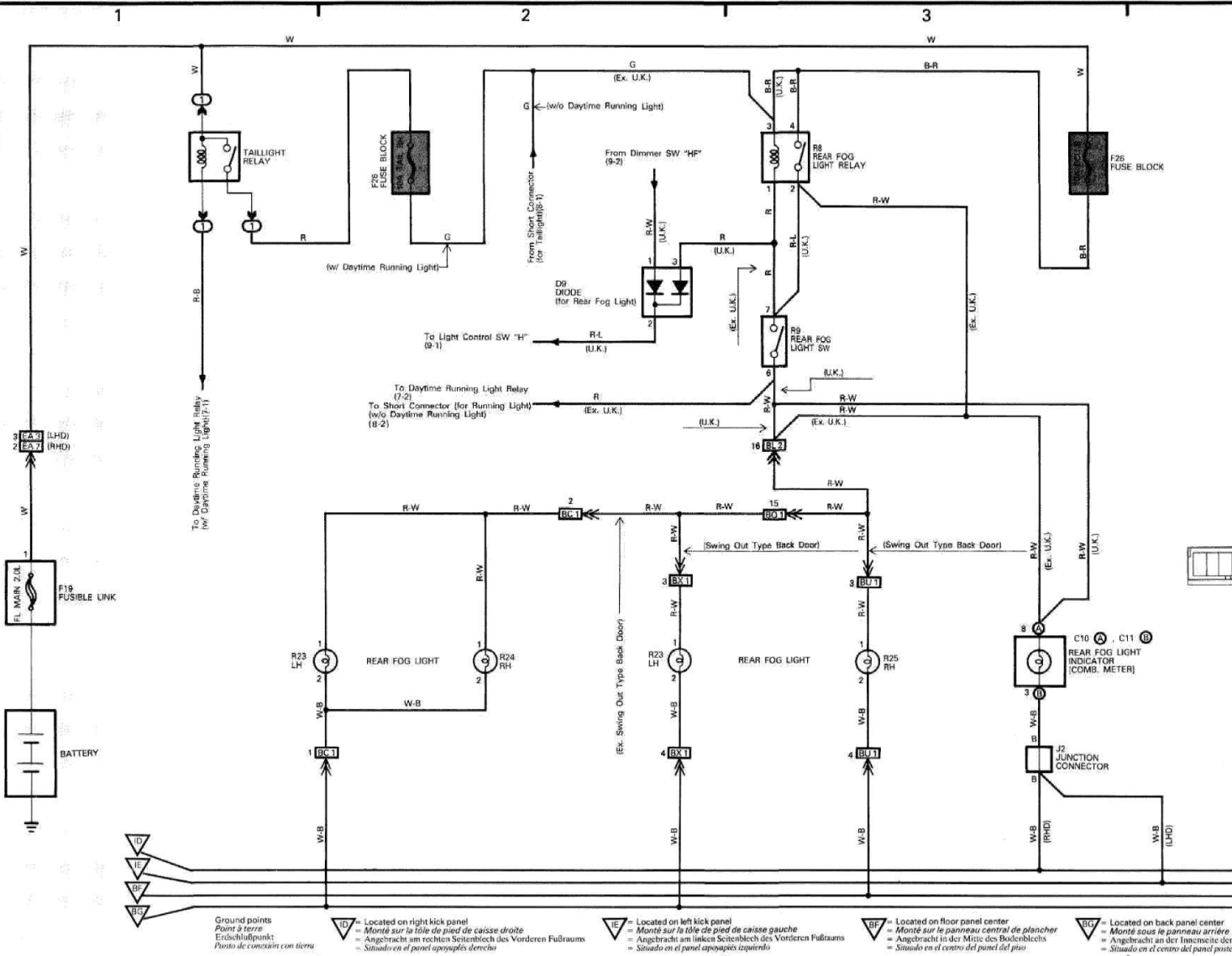
14 LAND CRUISER (W/G) (Cont'd)



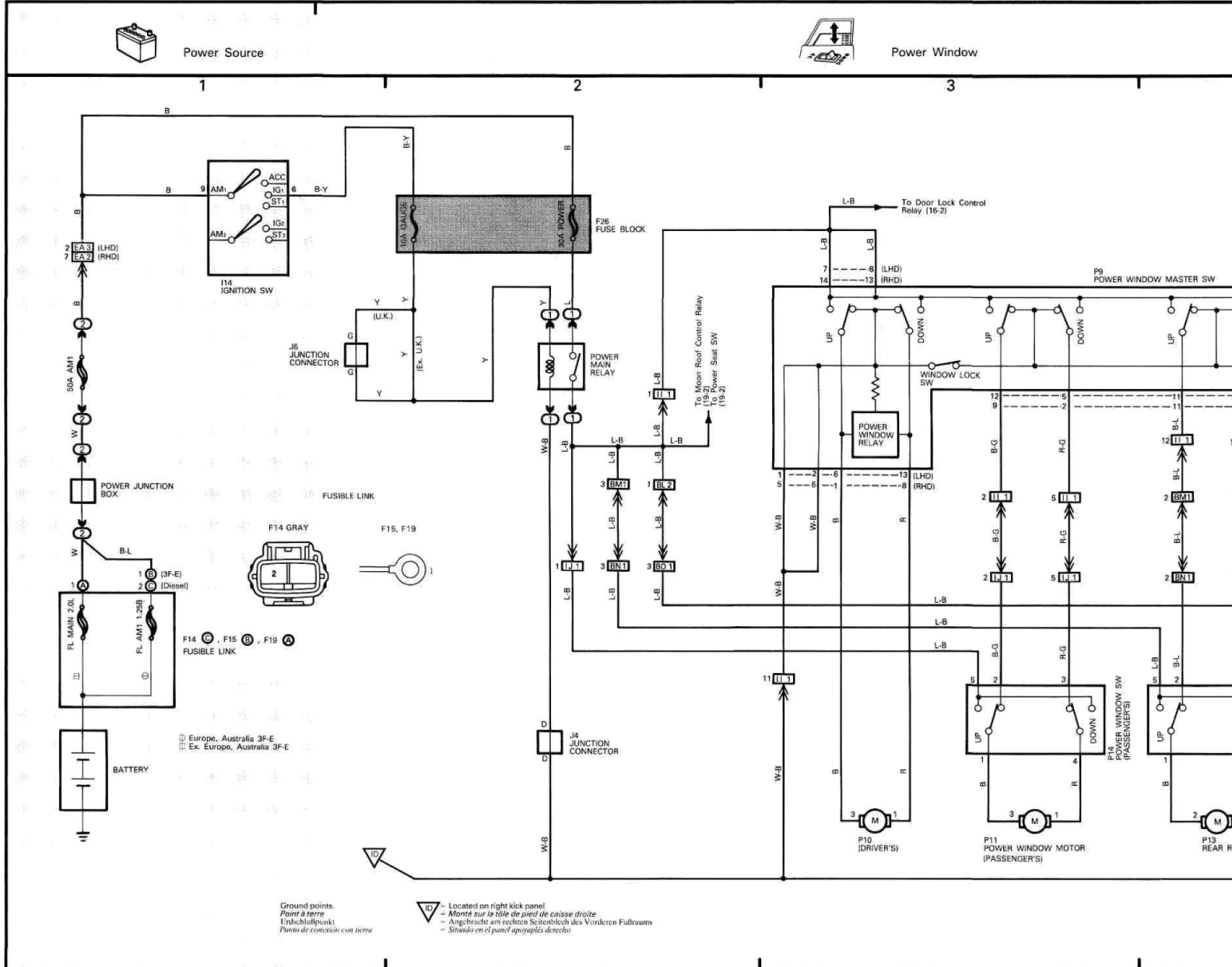
Power Source



Rear Fog Light



LAND CRUISER (W/G) (Cont'd)



Power Source



Power Source

Front Wiper and Washer

Rear Wiper and Washer

C18 FRONT WIPER AND WASHER SW (COMB. SW)

	+B	S	+1	+2	E	W
OFF						
INT						
LOW						
HIGH						
WASHER						

R38 REAR WIPER CONTROL RELAY (Tail Gate)

	L	C	E	W
WASHER				
OFF				
INT				
LOW				
WASHER				

F14 GRAY

F15, F19

BATTERY

FL MAIN 2.0L

FL ANT 1.25S

POWER JUNCTION BOX

FUSIBLE LINK

F26 FUSE BLOCK

F7 FRONT WIPER MOTOR

F8 FRONT WIPER CONTROL MOTOR

R35 REAR WIPER CONTROL MOTOR (Tail Gate)

R36 REAR WIPER CONTROL MOTOR LH (Swing Out)

R37 REAR WIPER CONTROL MOTOR RH (Swing Out)

Ground points:

- ID = Located on right kick panel
- IE = Located on left kick panel
- IF = Located on floor panel center
- IG = Located on back seat

Legend:

- Point à terre / Erdschaltungspunkt / Punto de conexión con tierra
- Monté sur la droite de pied de caisse droite / Angebracht am rechten Seitenblech des Vorderen Fußraums / Situado en el panel apoyapies derecho
- Monté sur la gauche de pied de caisse gauche / Angebracht am linken Seitenblech des Vorderen Fußraums / Situado en el panel apoyapies izquierdo
- Monté sur le panneau central de plancher / Angebracht in der Mitte des Bodenblechs / Situado en el centro del panel del piso
- Monté sous le pied / Angebracht unter dem Fuß / Situado en el centro del panel del piso

Power Source

Rear Window Defogger

Seat Heater

Wiring Diagram Details:

- Power Source:** Battery connected to the ignition switch (I4) and the rear window defogger relay.
- Ignition Switch (I4):** Controls the rear window defogger relay.
- Rear Window Defogger Relay:** Controls the rear window defogger (R29, R30, R31, R32, R33, R34) and the rear window defogger heater (S17).
- Rear Window Defogger (R29, R30, R31, R32, R33, R34):** Heats the rear window.
- Rear Window Defogger Heater (S17):** Heats the rear window.
- Fuses:** F14 (GRAY), F15, F19.
- Junction Connectors:** J2, J6.
- Ground Points:** ID (Located on right kick panel), IE (Located on left kick panel), BF (Located on floor panel center), BC (Located on back seat).

LAND CRUISER (W/G) (Cont'd)



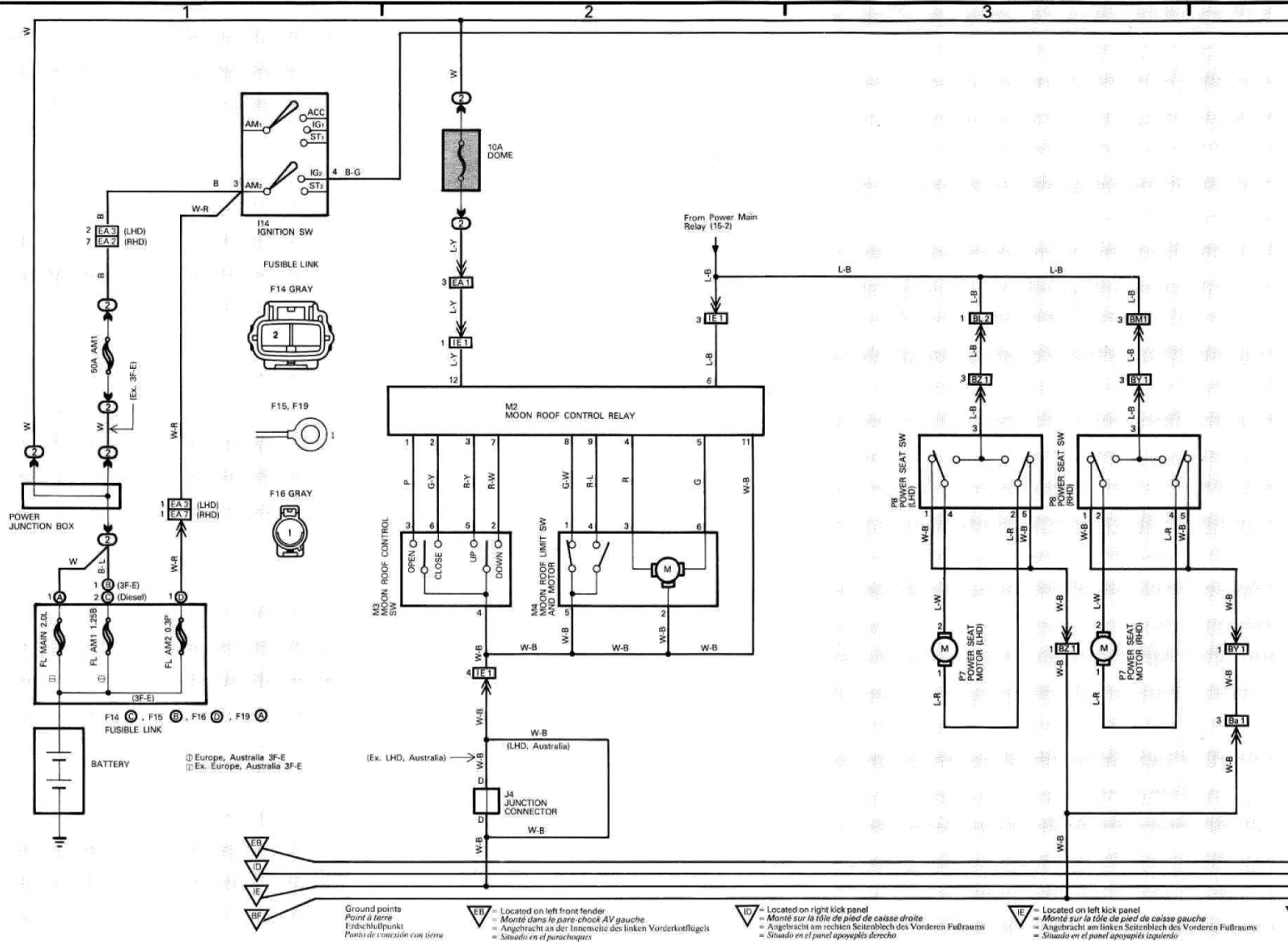
Power Source



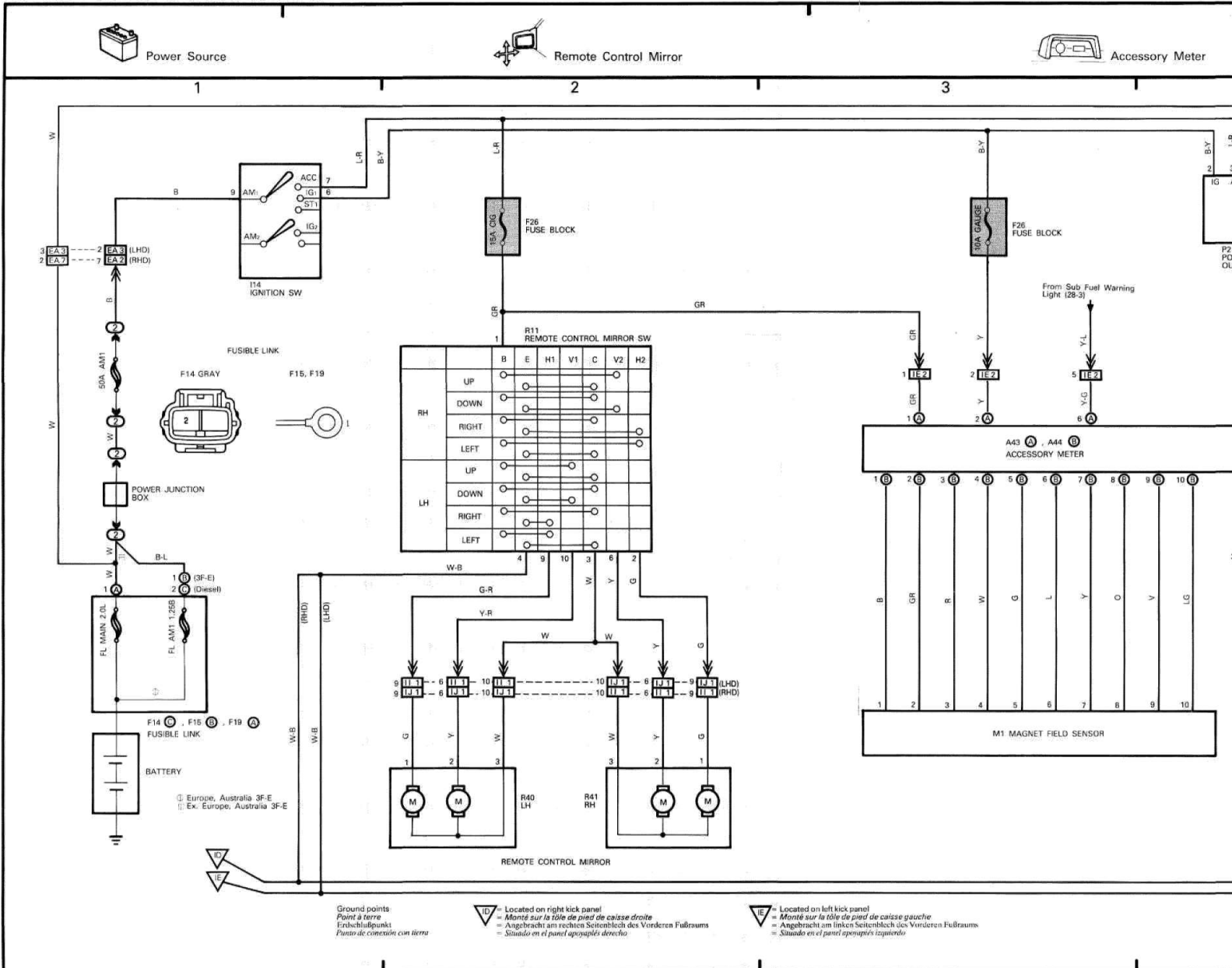
Moon Roof



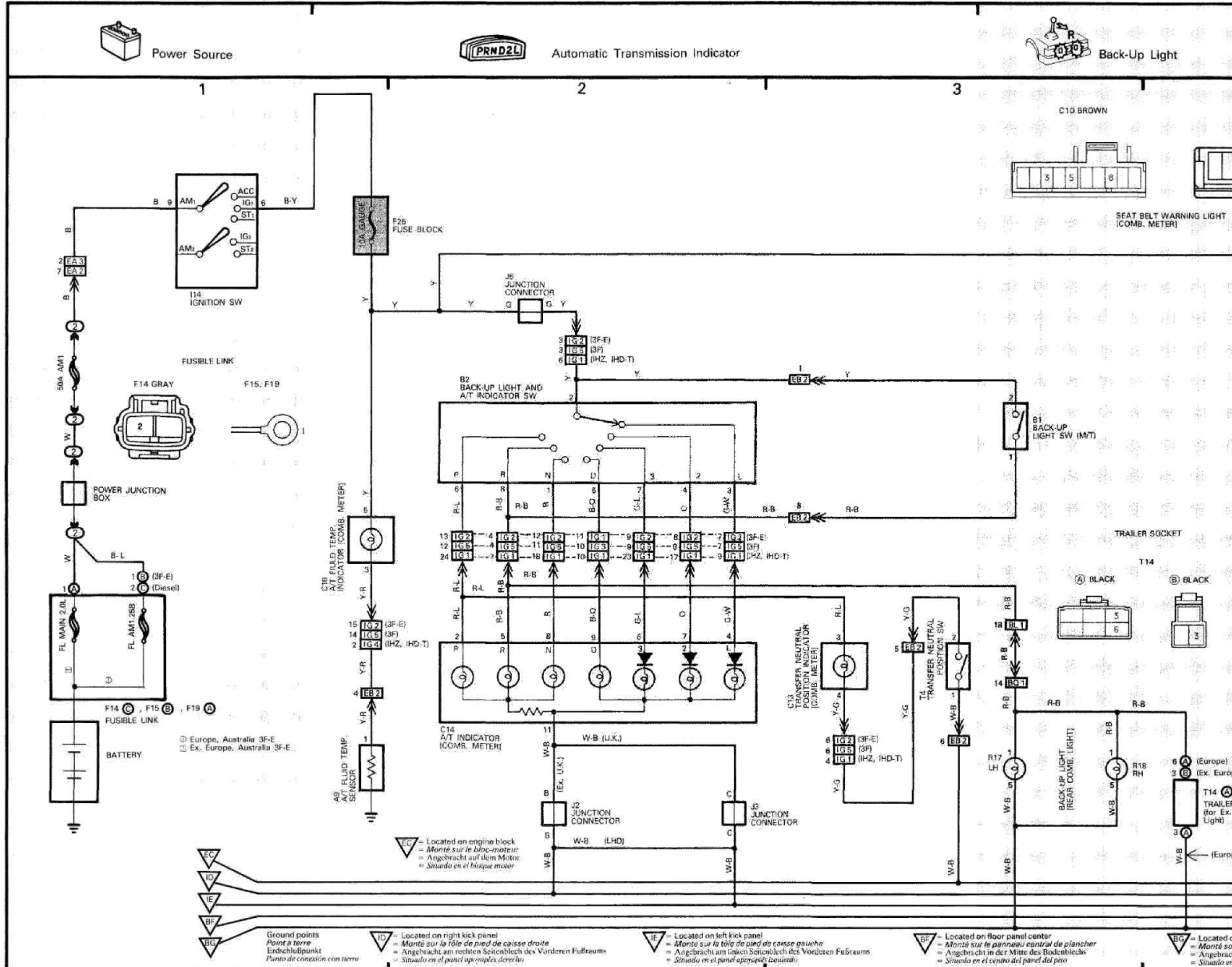
Power Seat



20 LAND CRUISER (W/G) (Cont'd)



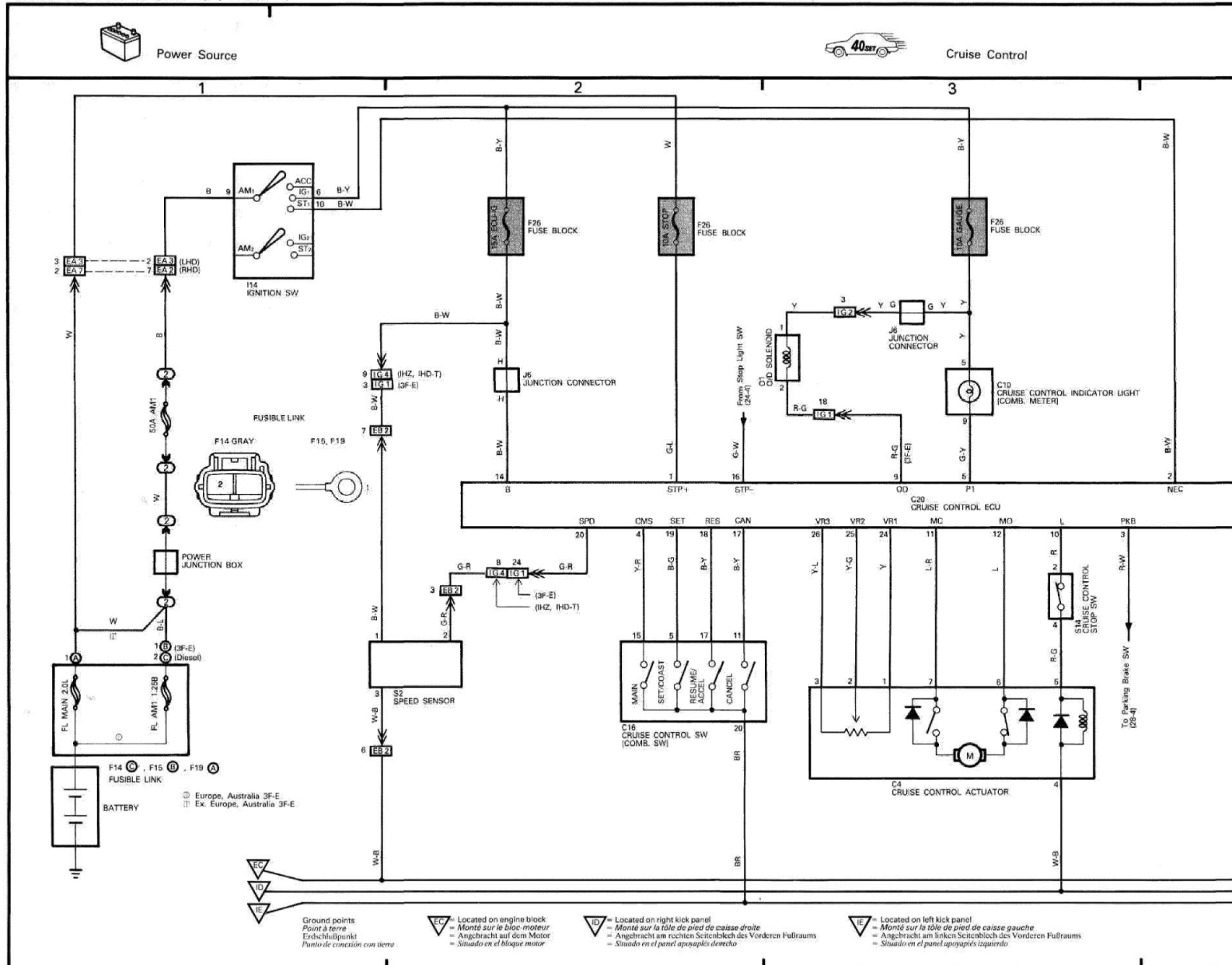
LAND CRUISER (W/G) (Cont'd)



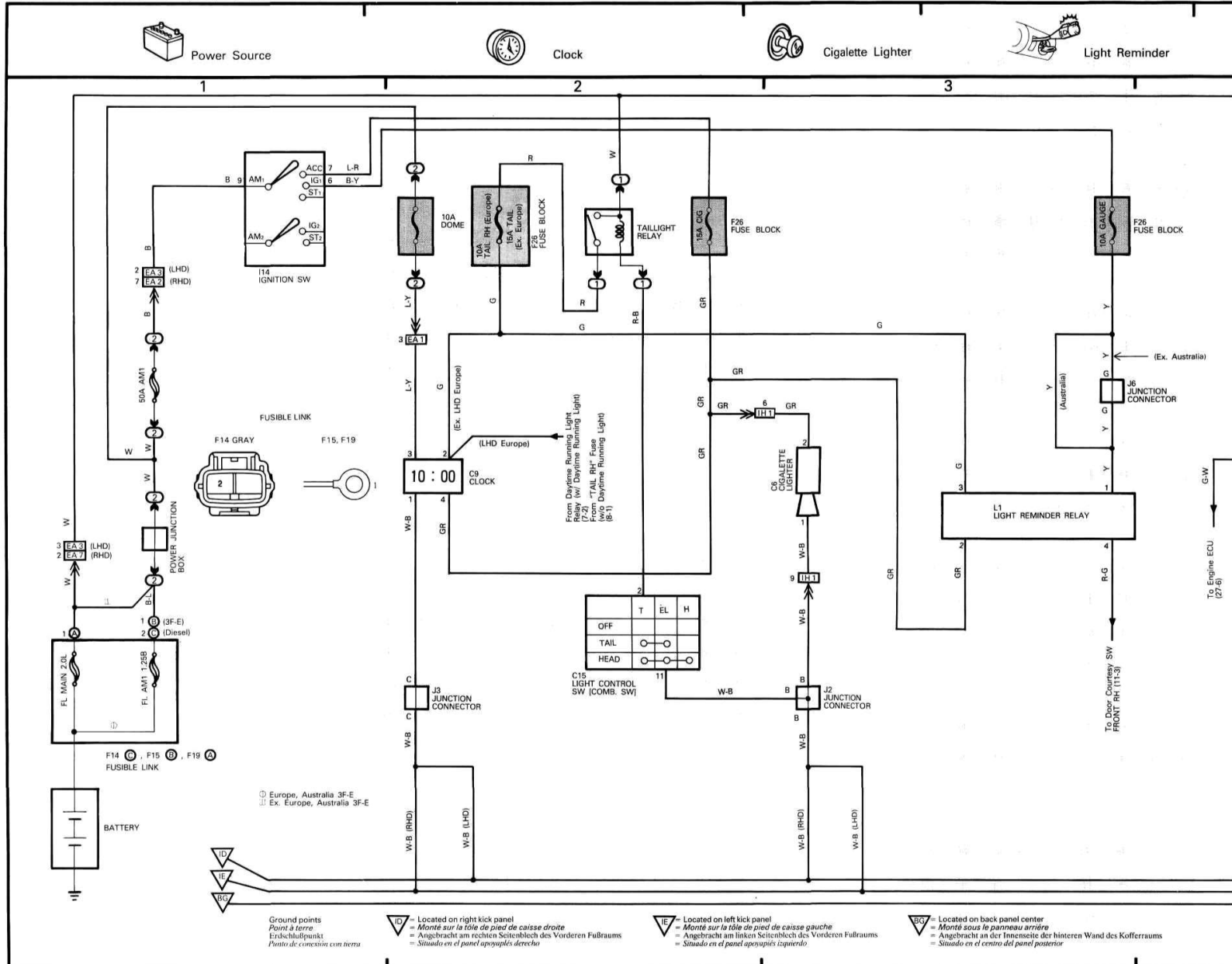
Power Source



LAND CRUISER (W/G) (Cont'd)



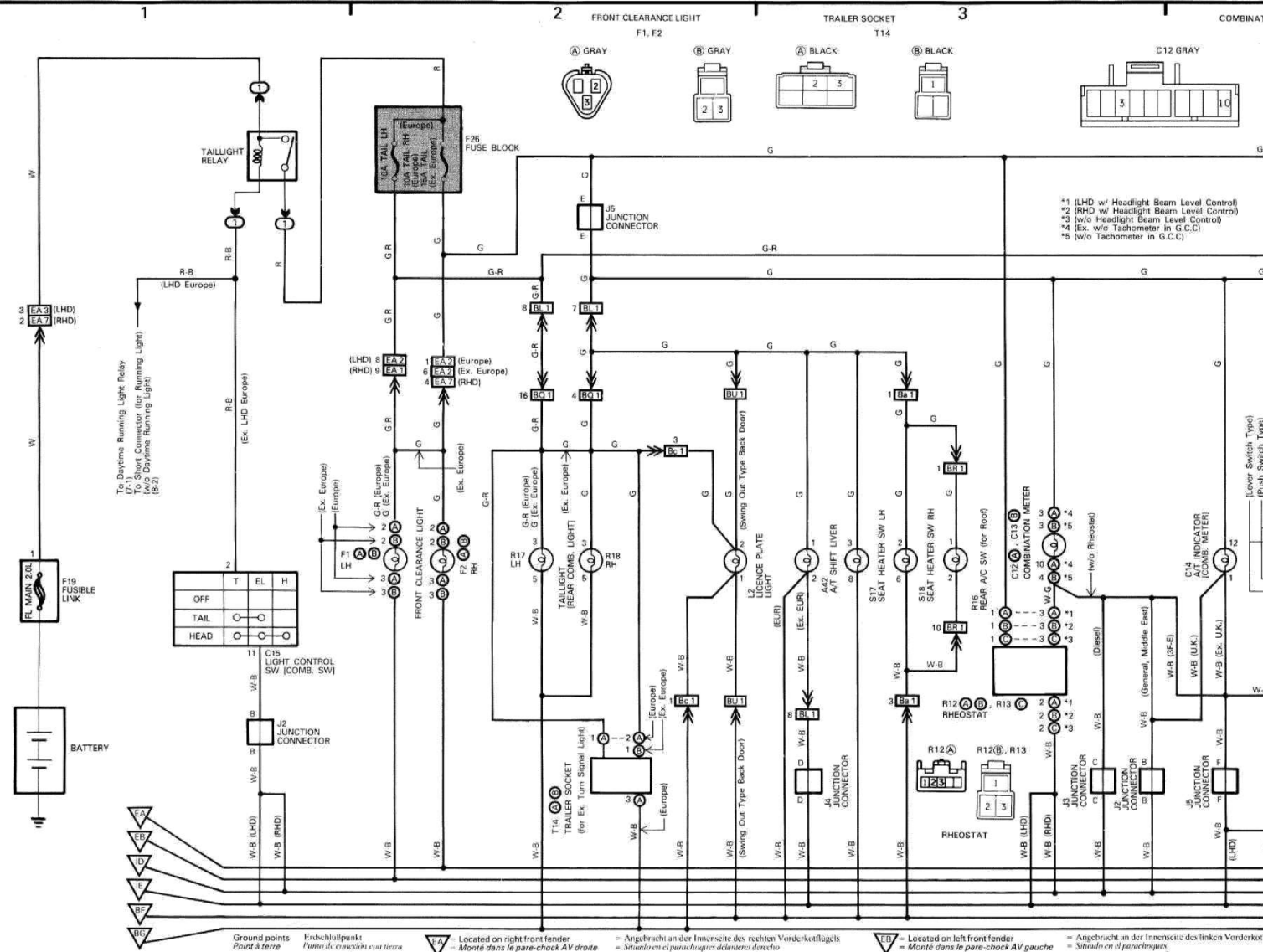
24 LAND CRUISER (W/G) (Cont'd)



LAND CRUISER (W/G) (Cont'd)



Power Source



Power Source

(w/o CD Player)

RADIO AND PLAYER (w/o CD PLAYER)

FUSIBLE LINK

F14 GRAY

F15, F19

POWER JUNCTION BOX

BATTERY

FL MAIN 2.0L

FL AM1 1.58R

FL AM1 1.58B

1 (3F-E)

2 (Diesel)

1 (3F-E)

2 (Diesel)

F14, **F15**, **F19**

Ground points

Point à terre

Erdschlußpunkt

Punto de conexión con tierra

Located on right kick panel

Monte sur la tôle de pied de caisse droite

Angebracht am rechten Seitenblech des Vorderen Fußraums

Situado en el panel apoyapies derecho

Located on left kick panel

Monte sur la tôle de pied de caisse gauche

Angebracht am linken Seitenblech des Vorderen Fußraums

Situado en el panel apoyapies izquierdo

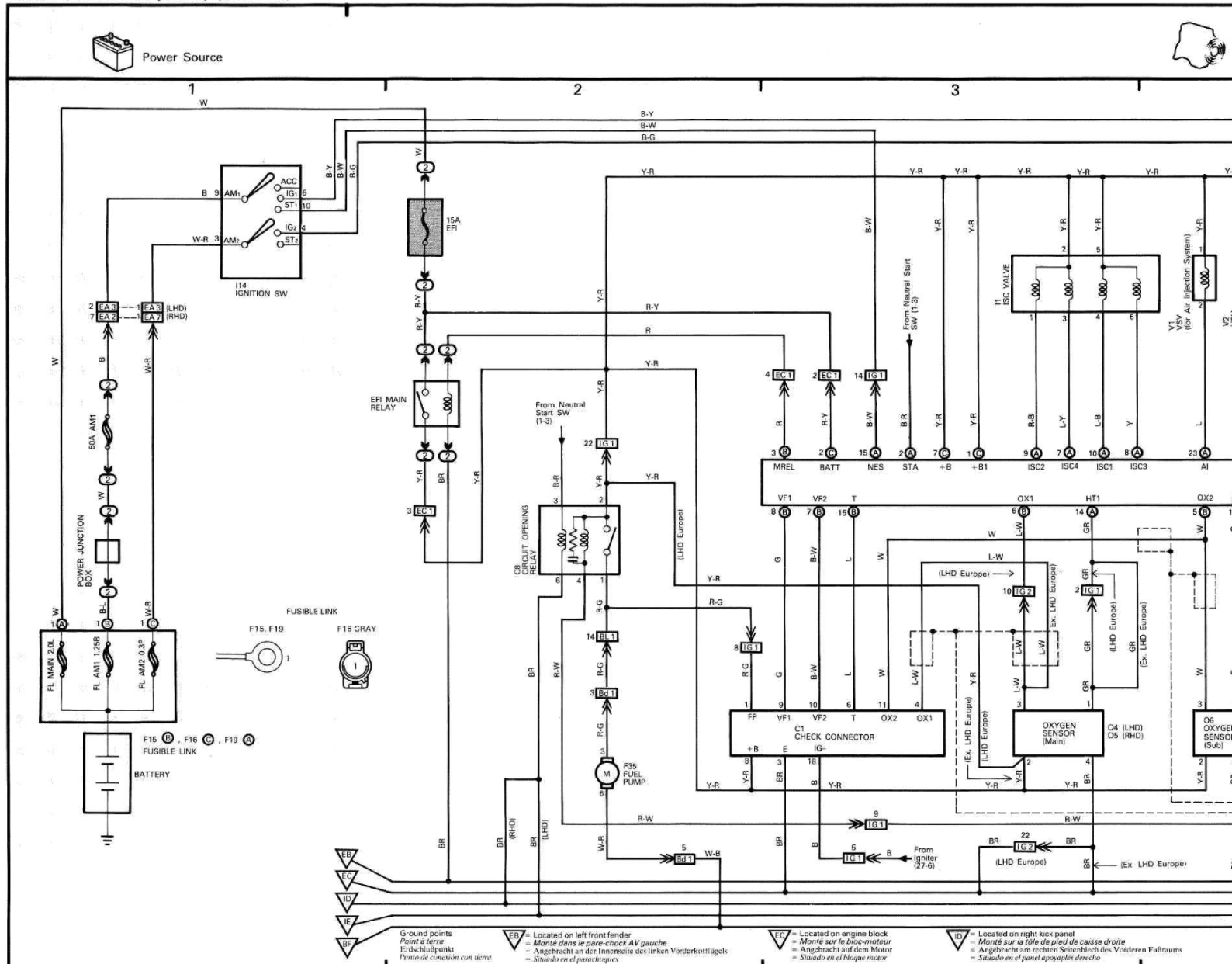
Located on floor panel center

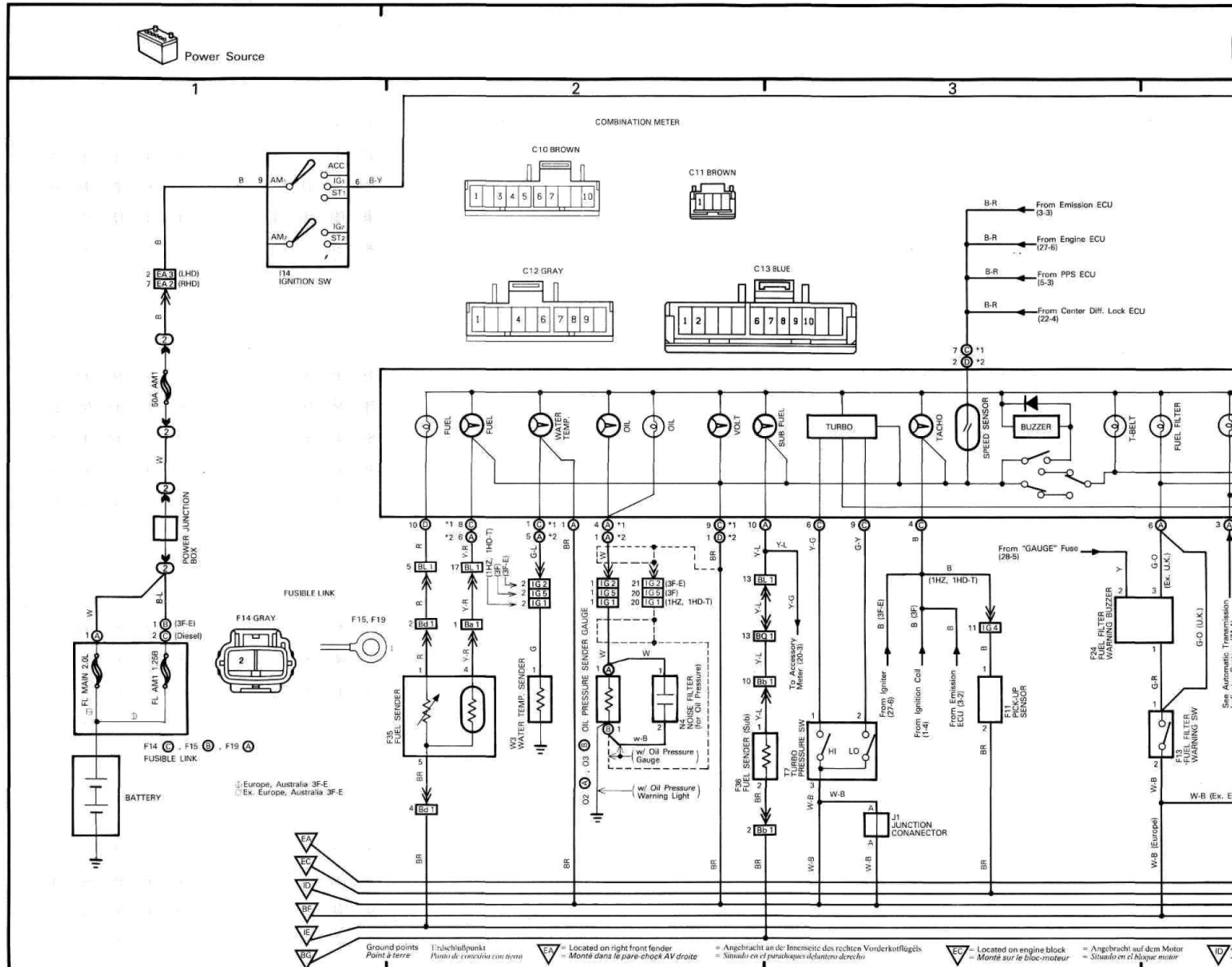
Monte sur le panneau central de plancher

Angebracht in der Mitte des Bodenblechs

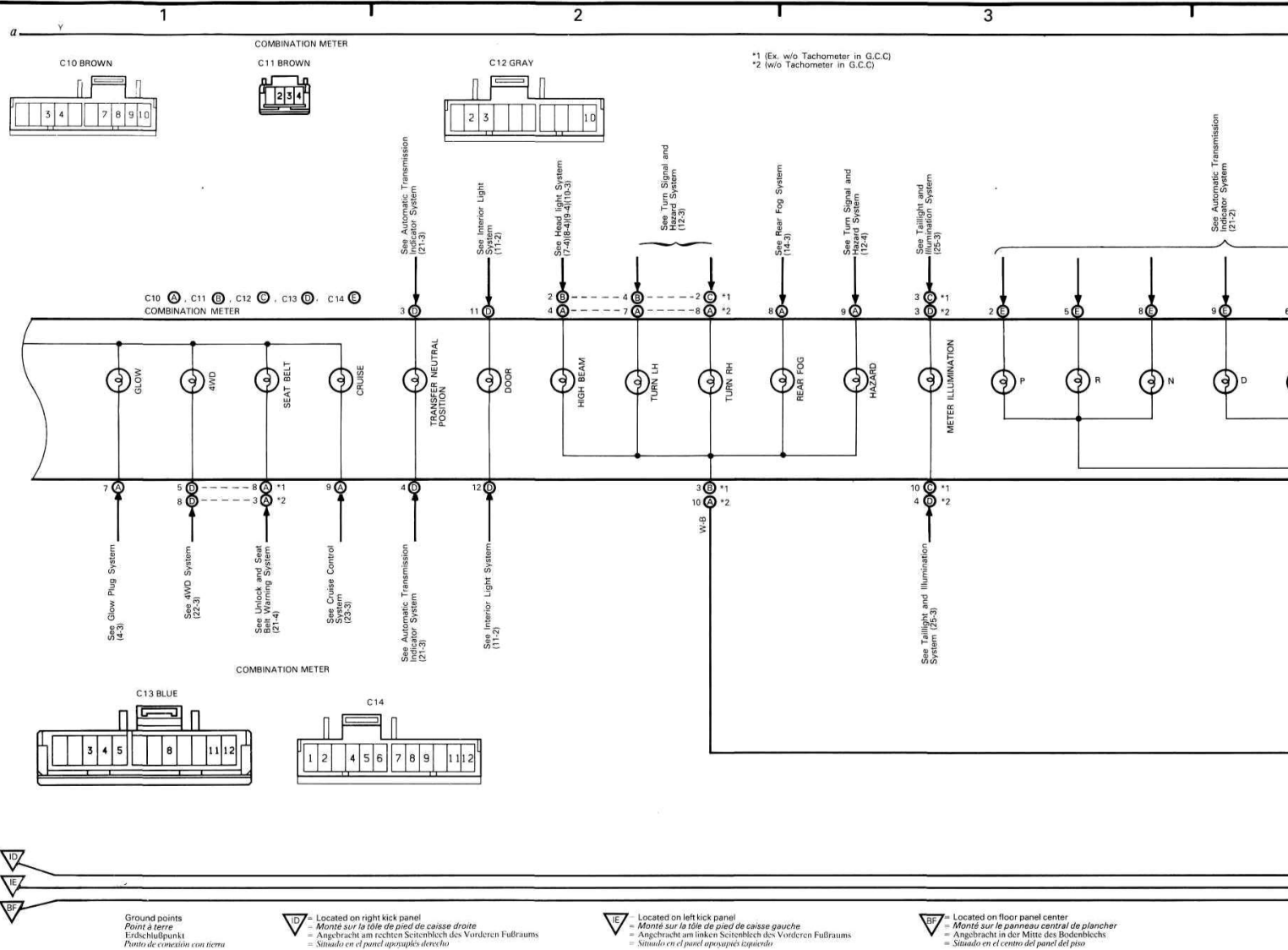
Situado en el centro del panel del piso

LAND CRUISER (W/G) (Cont'd)



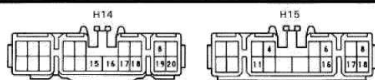


Combination Meter

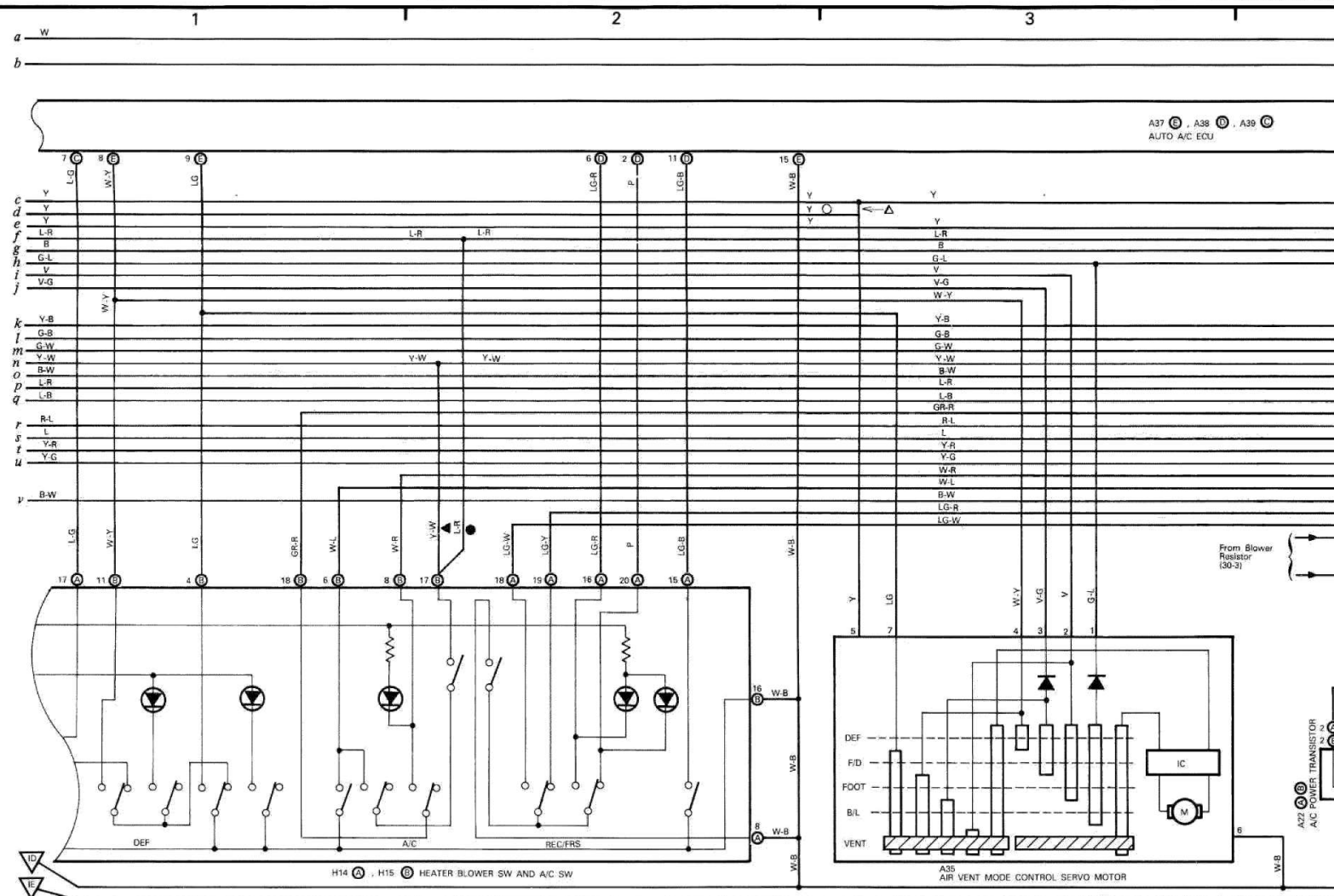


 Power Source

LAND CRUISER (W/G) (Cont'd)

HEATER BLOWER SW
AND A/C SW

Air Conditioner, Co

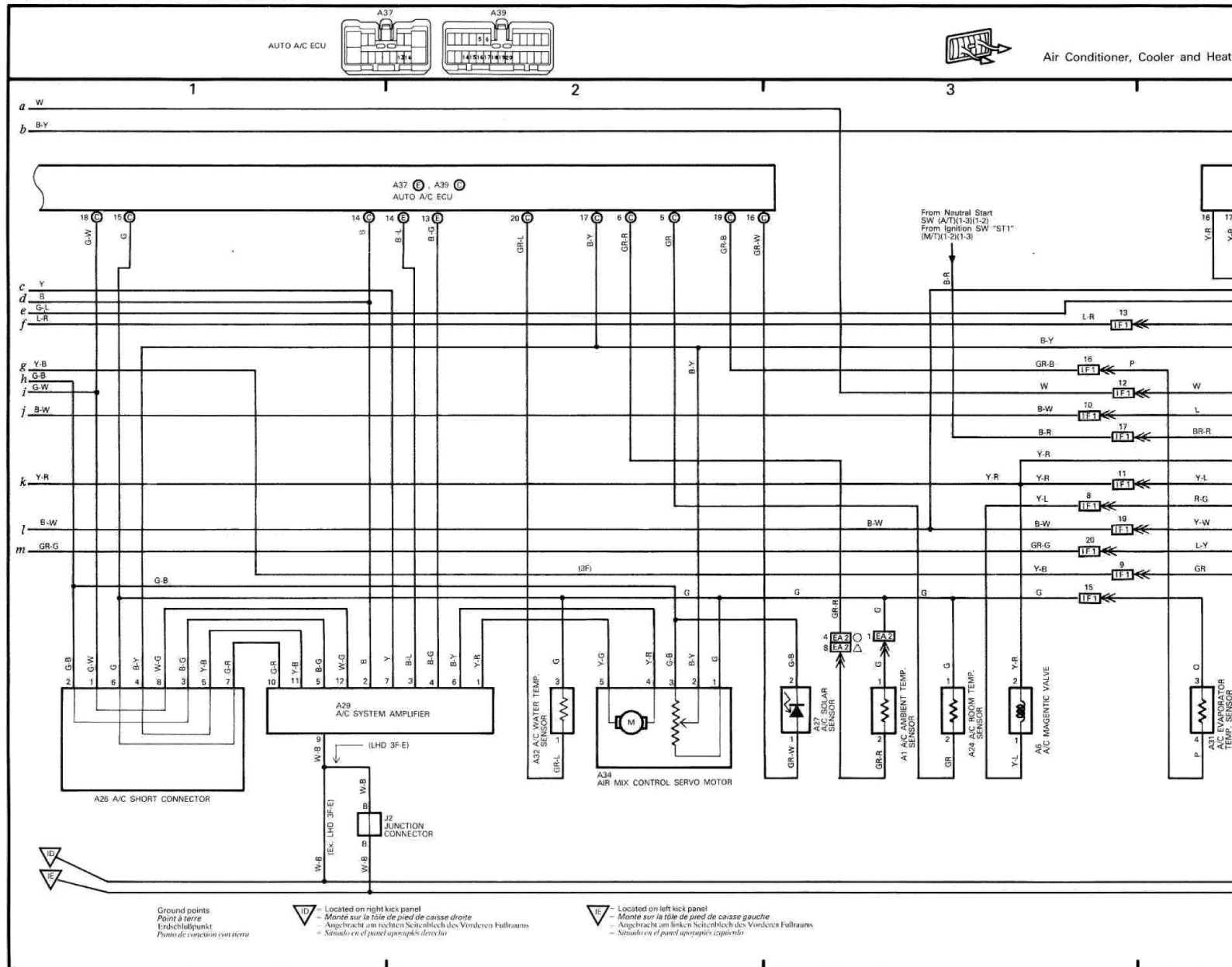


Ground points:
Point à terre
Erschließungspunkt
Punto de conexión con tierra

ID = Located on right kick panel
= Monté sur la tête de pied de caisse droite
= Angebracht am rechten Seitenblech des Vorderen Fußraums
= Situado en el panel apoyapiés derecho

IE = Located on left kick panel
= Monté sur la tête de pied de caisse gauche
= Angebracht am linken Seitenblech des Vorderen Fußraums
= Situado en el panel apoyapiés izquierdo

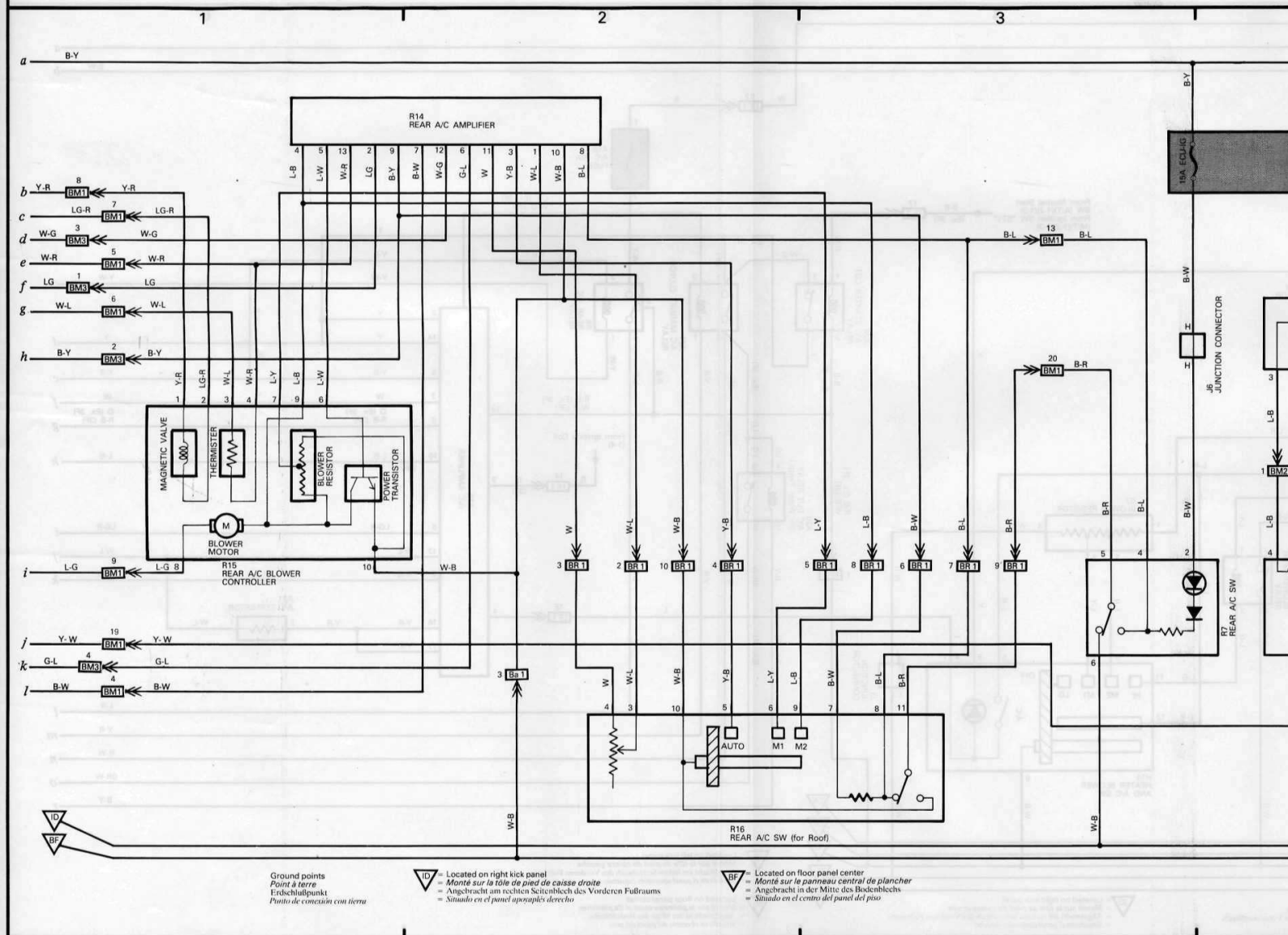
32 LAND CRUISER (W/G) (Cont'd)



LAND CRUISER (W/G) (Cont'd)



Rear Air Conditioner (Auto)



[illegible]

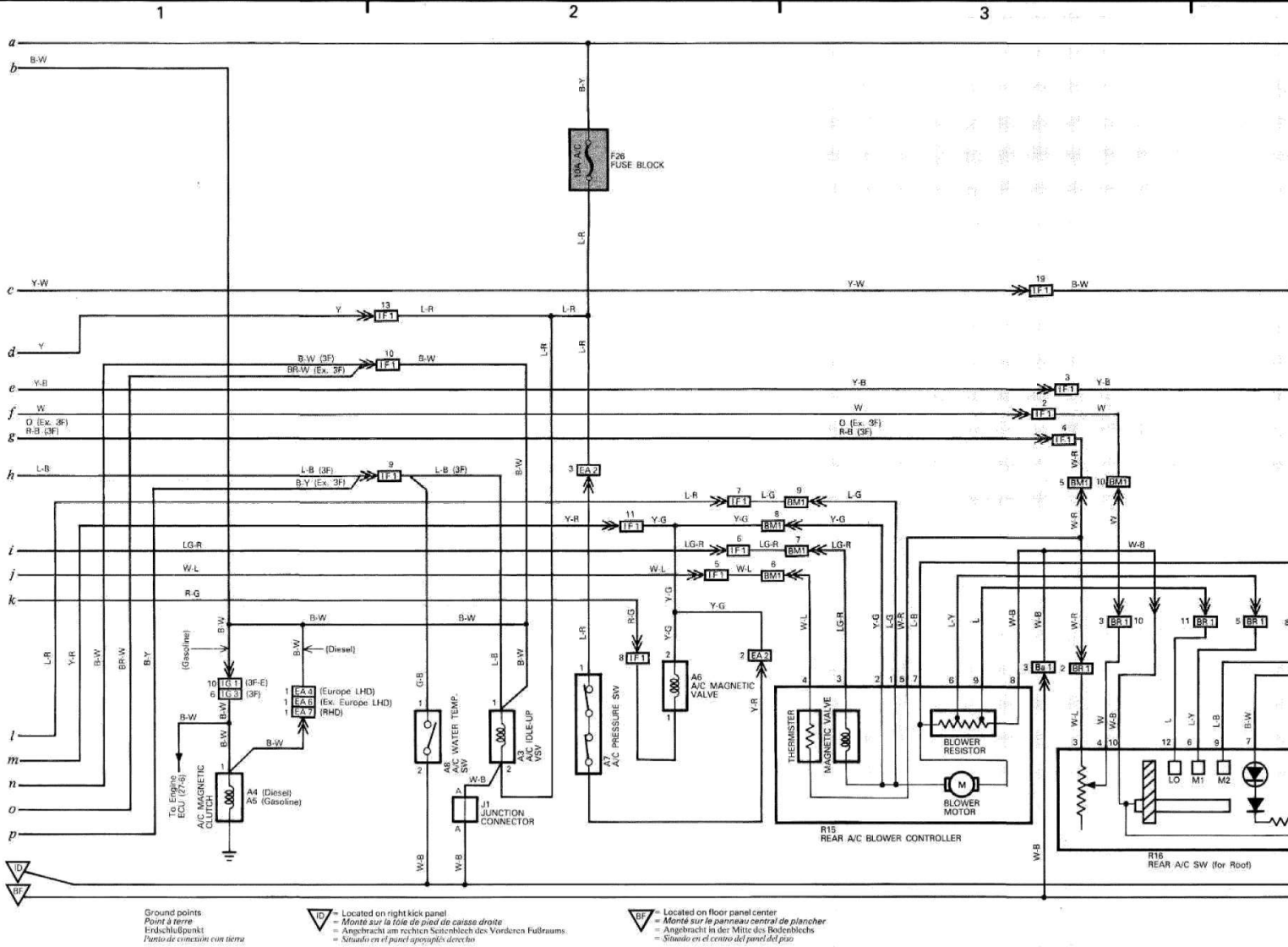
LAND CRUISER (W/G) (Cont'd)



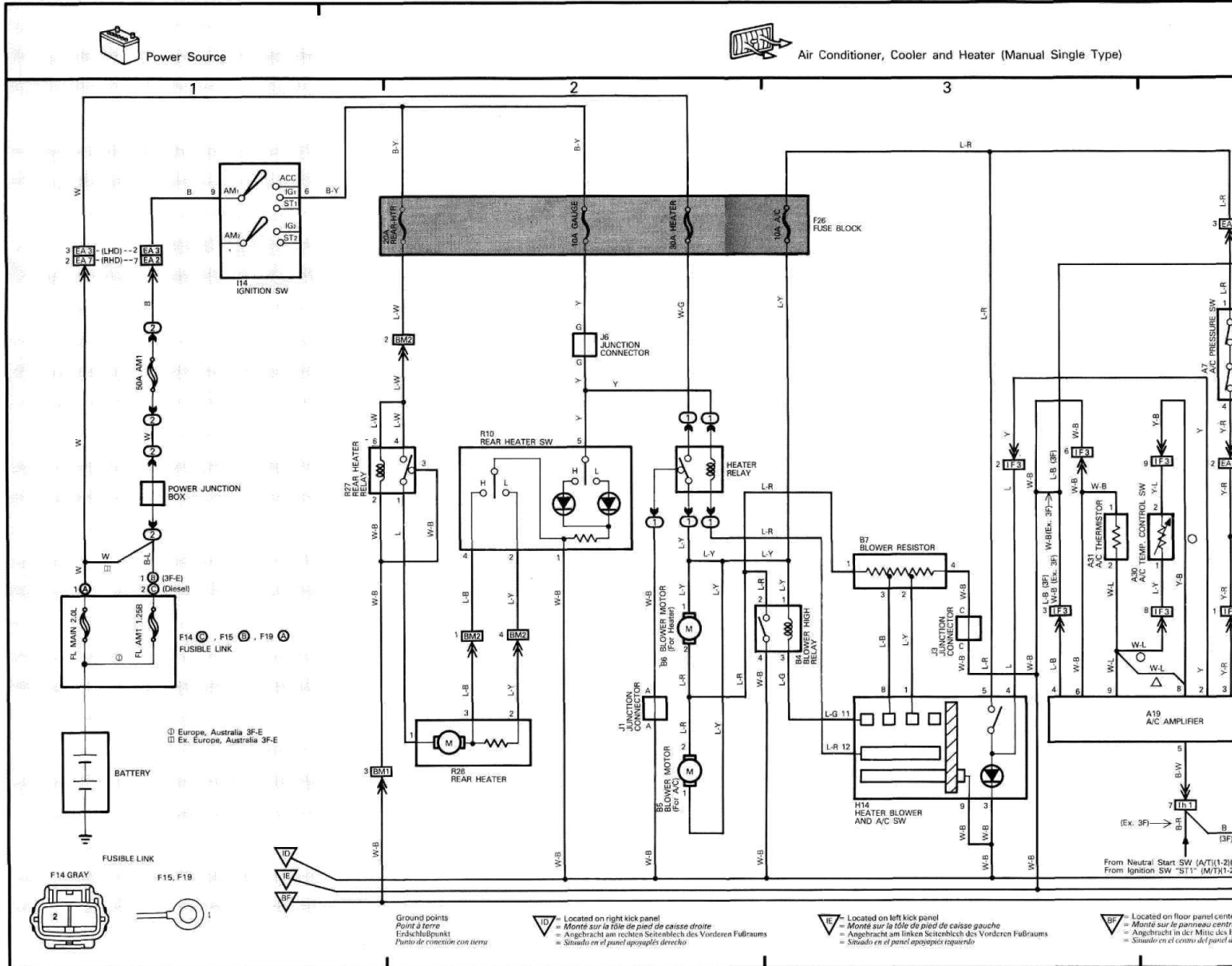
Air Conditioner, Cooler and Heater (Manual Dual Type)



Rear Air Conditioner

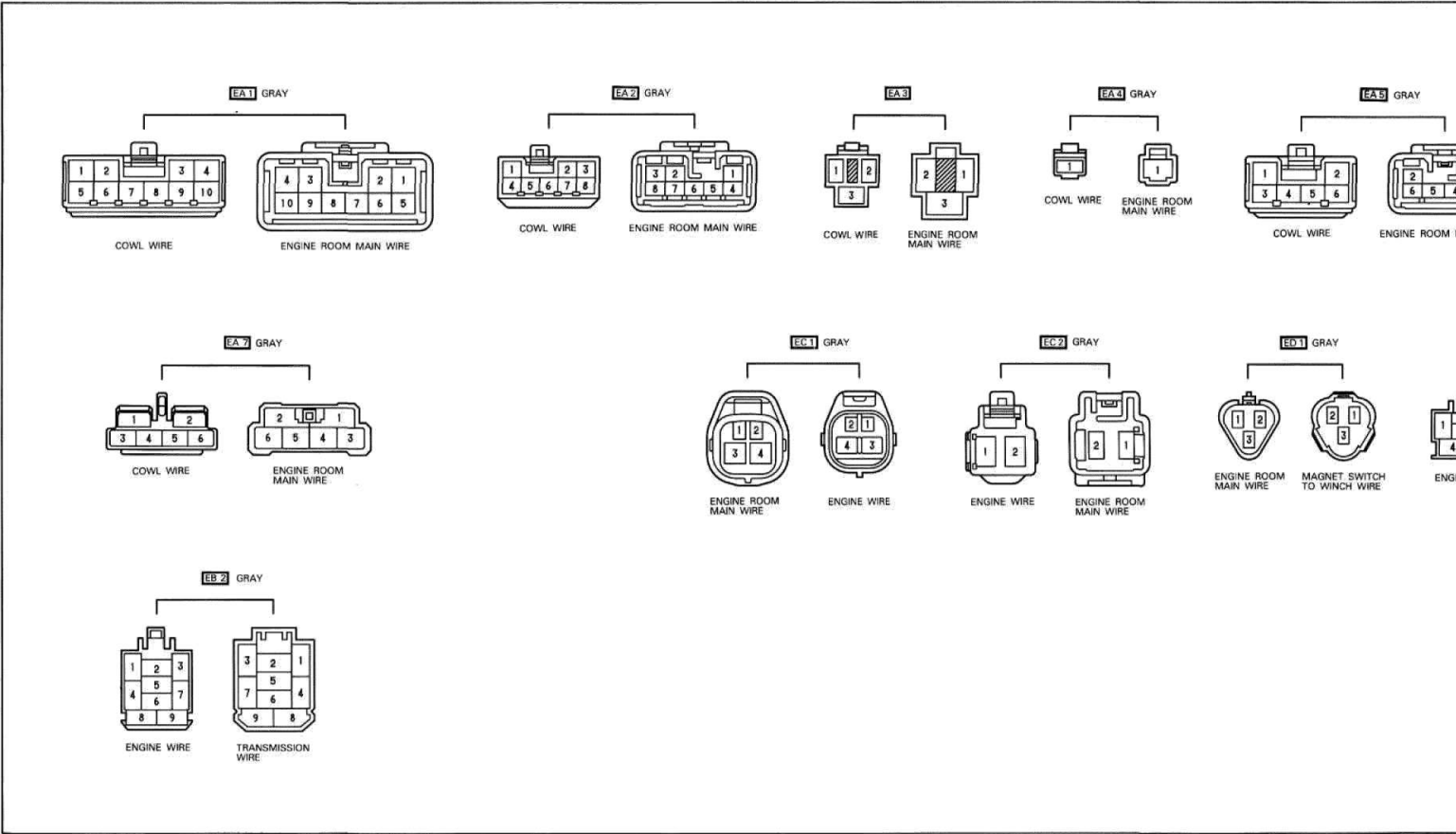


36 LAND CRUISER (W/G) (Cont'd)



LAND CRUISER (W/G) (Cont'd)

Connector Joining Wire Harness and Wire Harness (E Group : Engine Compartment area)



38 LAND CRUISER (W/G) (Cont'd)

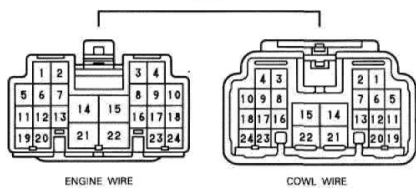
1

2

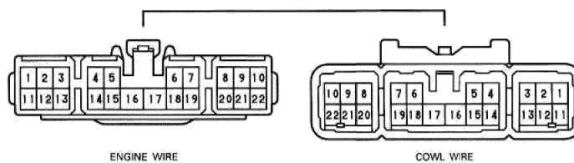
3

Connector Joining Wire Harness and Wire Harness (I Group : Instrument Panel and Surrounding Area)

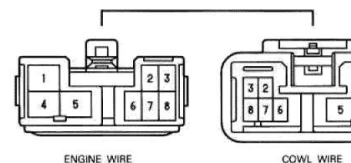
IG 1



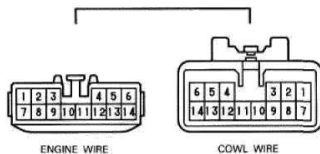
IG 2



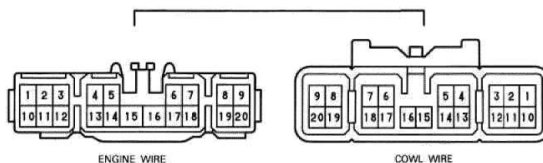
IG 3



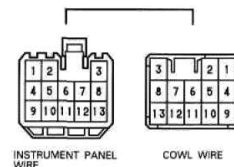
IG 4



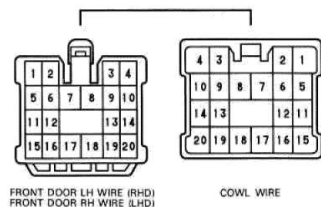
IG 5



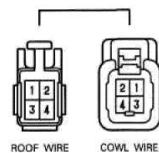
IH 1



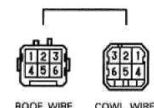
IJ 1



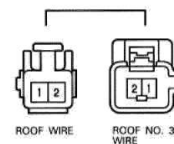
IE 1



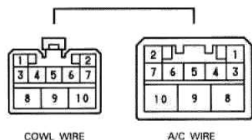
IE 2



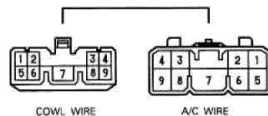
BK 1



IF 2



IF 3



Connector Joining Wire Harness and Wire Harness (B Group : Body and Surrounding area)



40 LAND CRUISER (W/G) (Cont'd)

