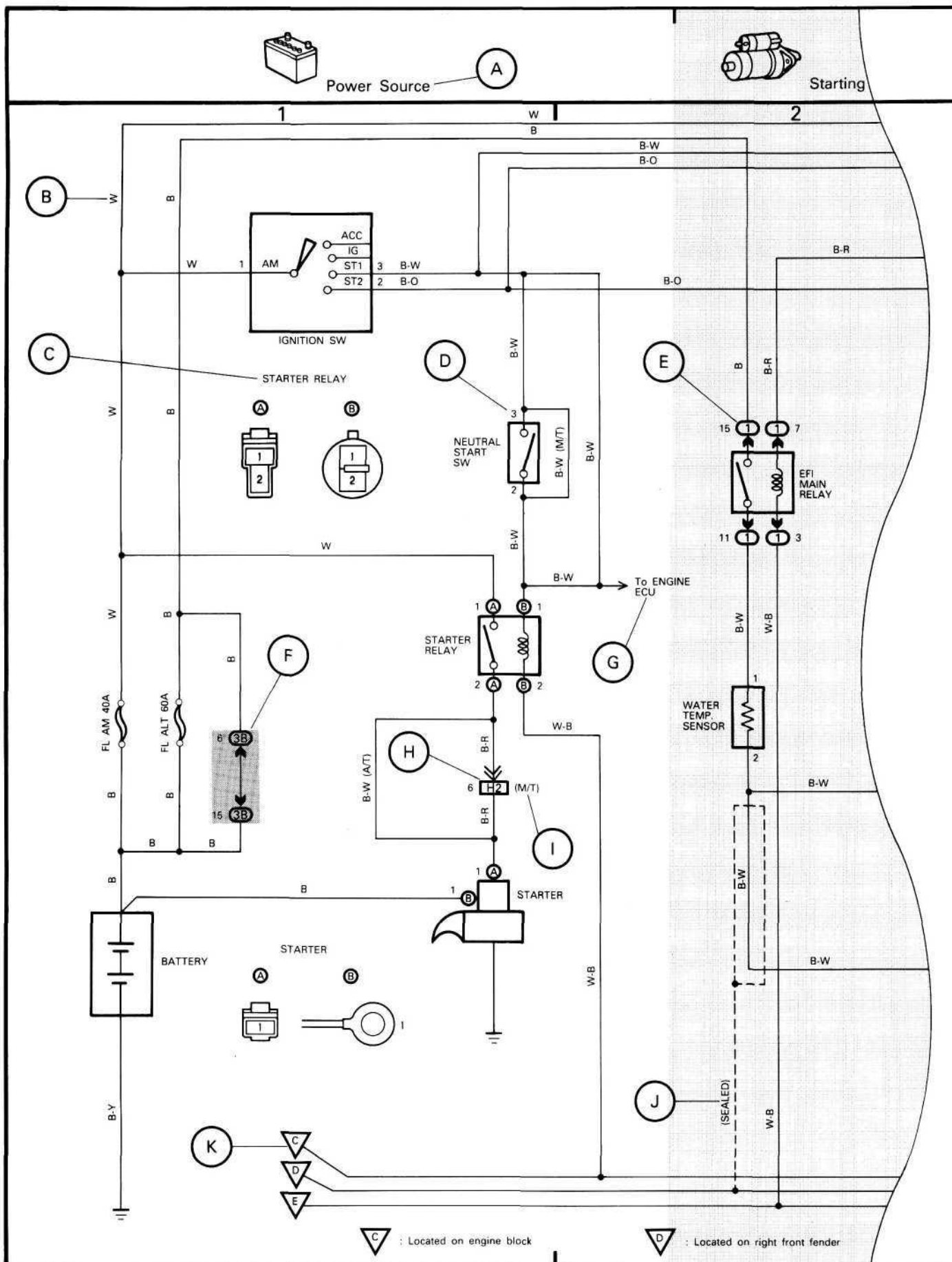


# ELECTRICAL WIRING DIAGRAMS

## 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)



(A): System Title

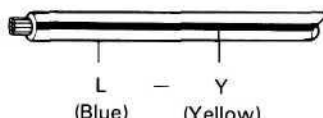
(B): Indicates the wiring color.

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.

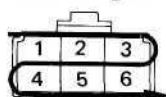
Example: L—Y



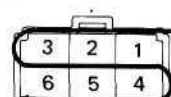
(C): Indicates the connector to be connected to a part (the numeral indicates the pin No.)

(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: ① 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:

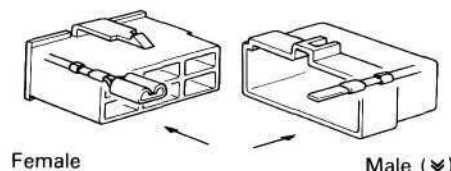


3B indicates that it is inside Junction Block No.3.

(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.



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.

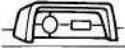





















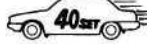


















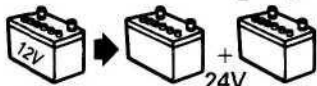







(K): Indicates a ground point.

# 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) 36-2 (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	 26-3 (w/o CD Player) 26-5 (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) 8-2 (LHD in Europe w/o Daytime Running Light) 9-2 (U.K.) 10-2 (Ex. LHD in Europe)	Connector Joining Wire	37-2
Horn	 12-4	Harness and Wire Harness	38-2
Ignition	 1-4		40-2
Interior Light	 11-2	Junction Connector	40-2





Power Source



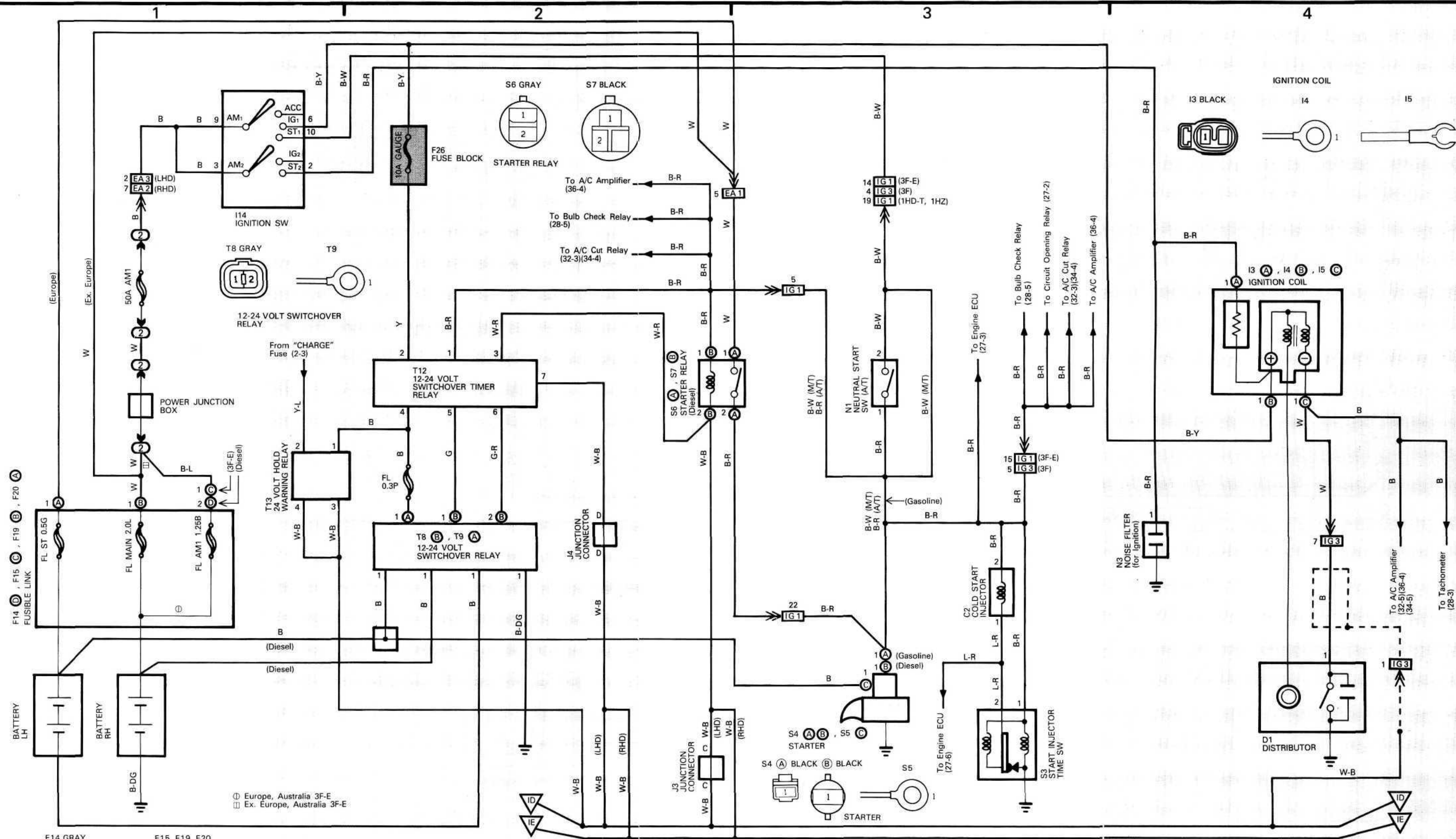
12-24 Volt Swchover System



Starting



Ignition



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

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

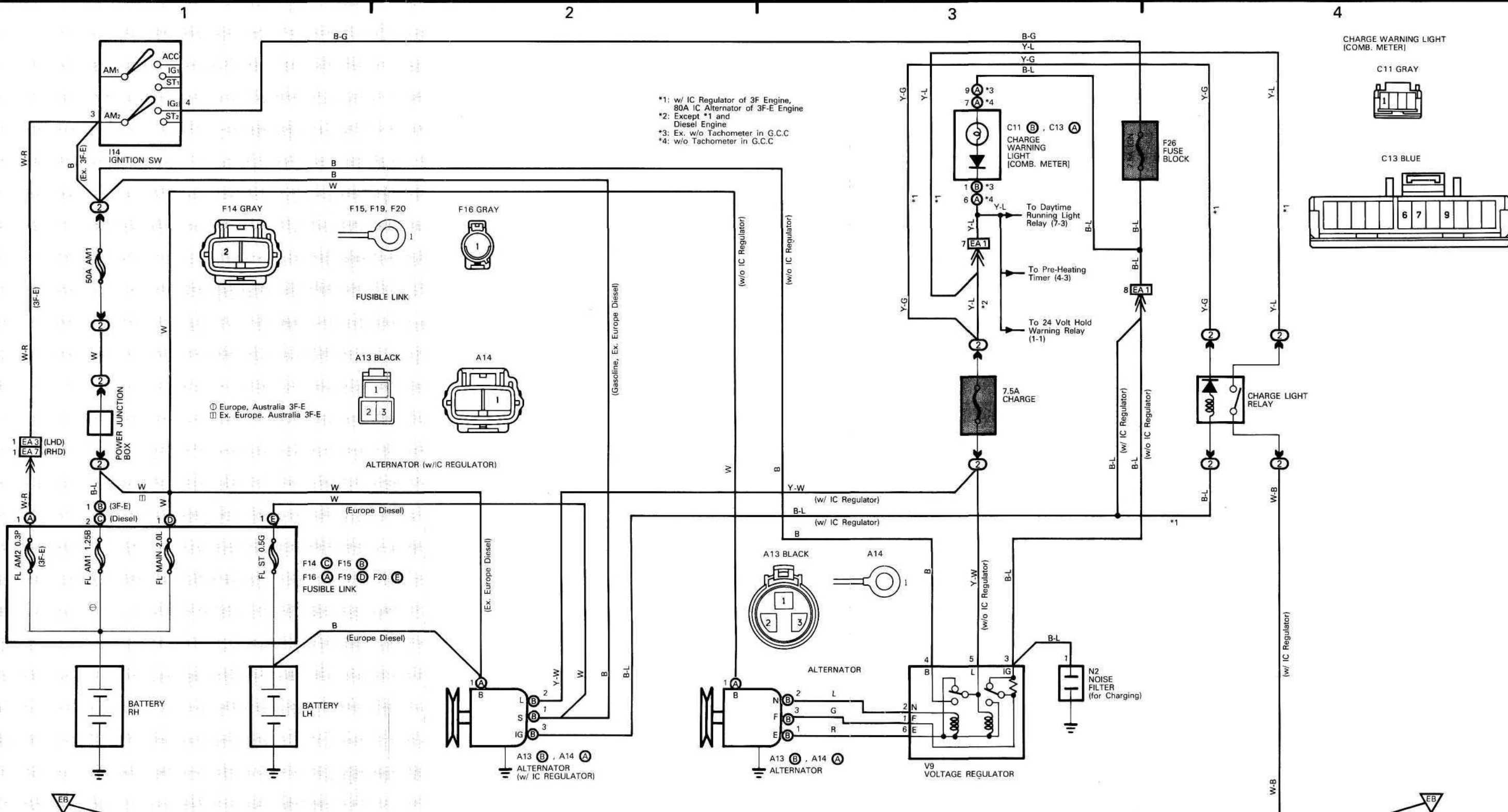
IE = Located on left kick panel  
= Monté sur la tôle de pied de caisse gauche  
= Angebracht am linken Seitenblech des Vorderen Fußraums  
= Situado en el panel apoyapiés izquierdo



Power Source



Charging



- \*1: w/ IC Regulator of 3F Engine, 80A IC Alternator of 3F-E Engine
- \*2: Except \*1 and Diesel Engine
- \*3: Ex. w/o Tachometer in G.C.C
- \*4: w/o Tachometer in G.C.C

Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

EB = Located on left front fender  
= Monté dans le pare-chock AV gauche  
= Angebracht an der Innenseite des linken Vorderkotflügels  
= Situado en el parachoques



Power Source



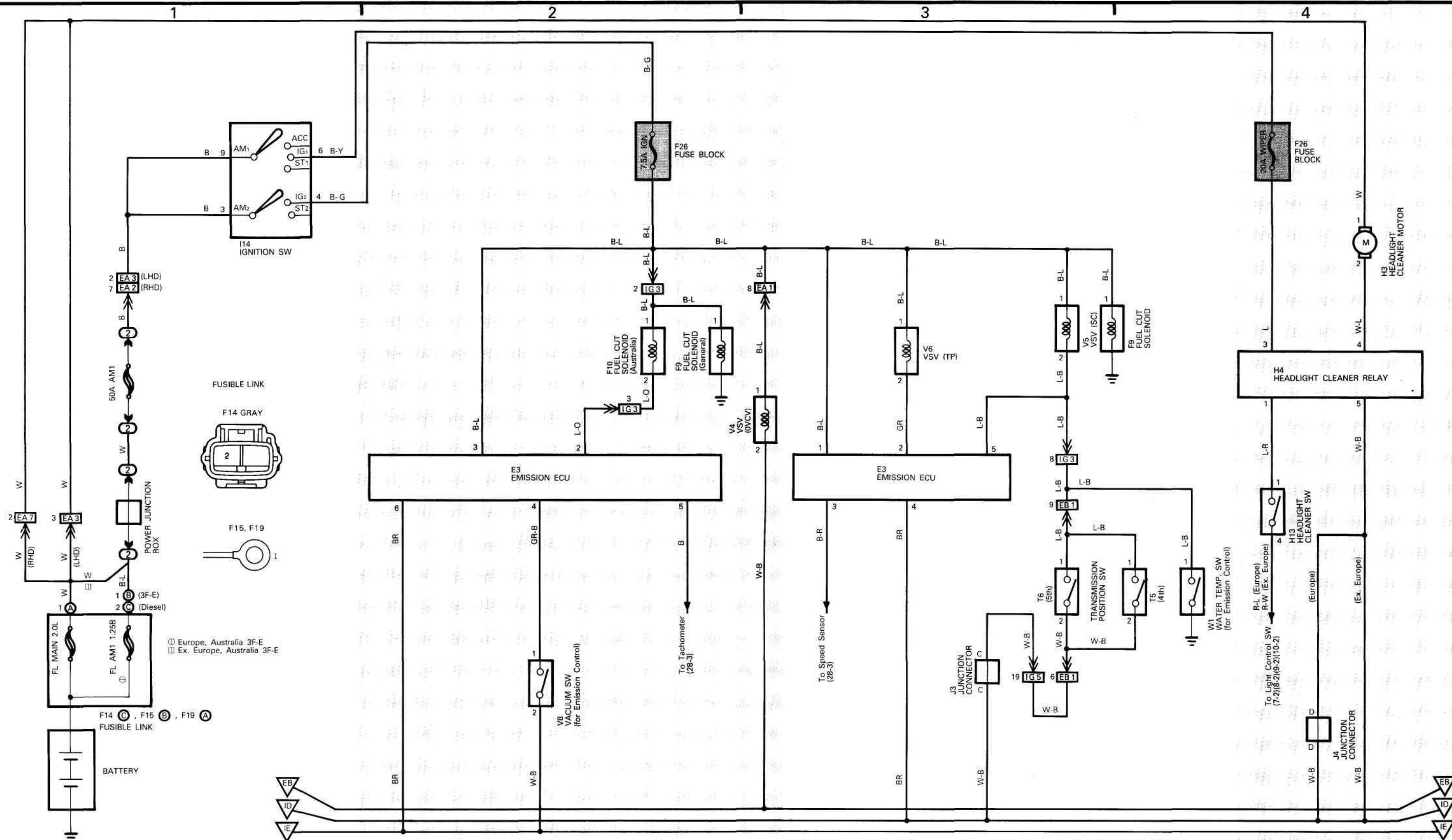
Emission Control (Ex. Middle East)



Emission Control (Middle East)



Headlight Cleaner



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

EB = Located on left front fender  
= Monté sur la tôle de pare-choc AV gauche  
= Angebracht am linken Seitenblech des Vorderen Fußraums  
= Situado en el parachoques

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

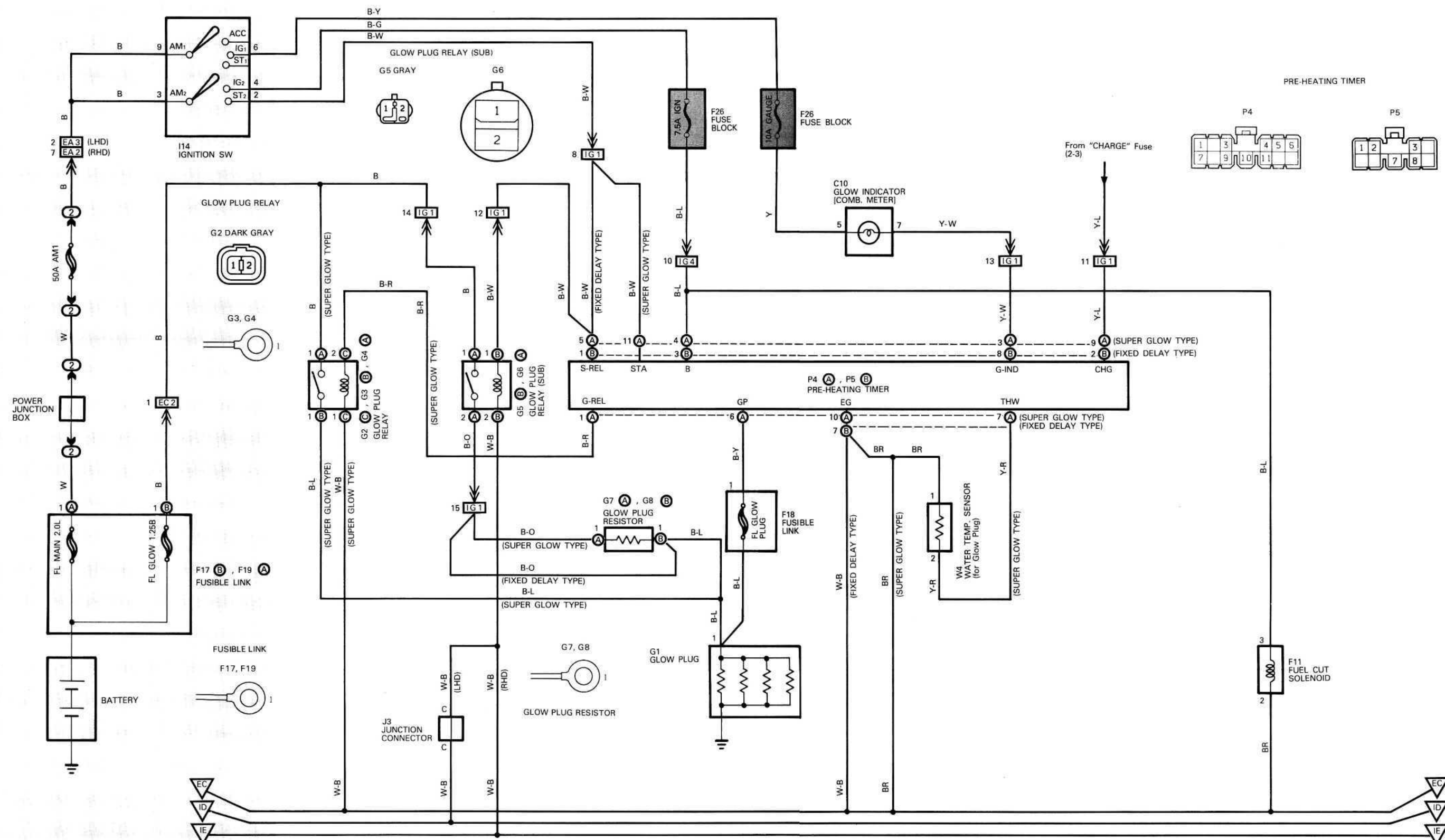
IE = Located on left kick panel  
= Monté sur la tôle de pied de caisse gauche  
= Angebracht am linken Seitenblech des Vorderen Fußraums  
= Situado en el panel apoyapiés izquierdo



Power Source



Glow Plug



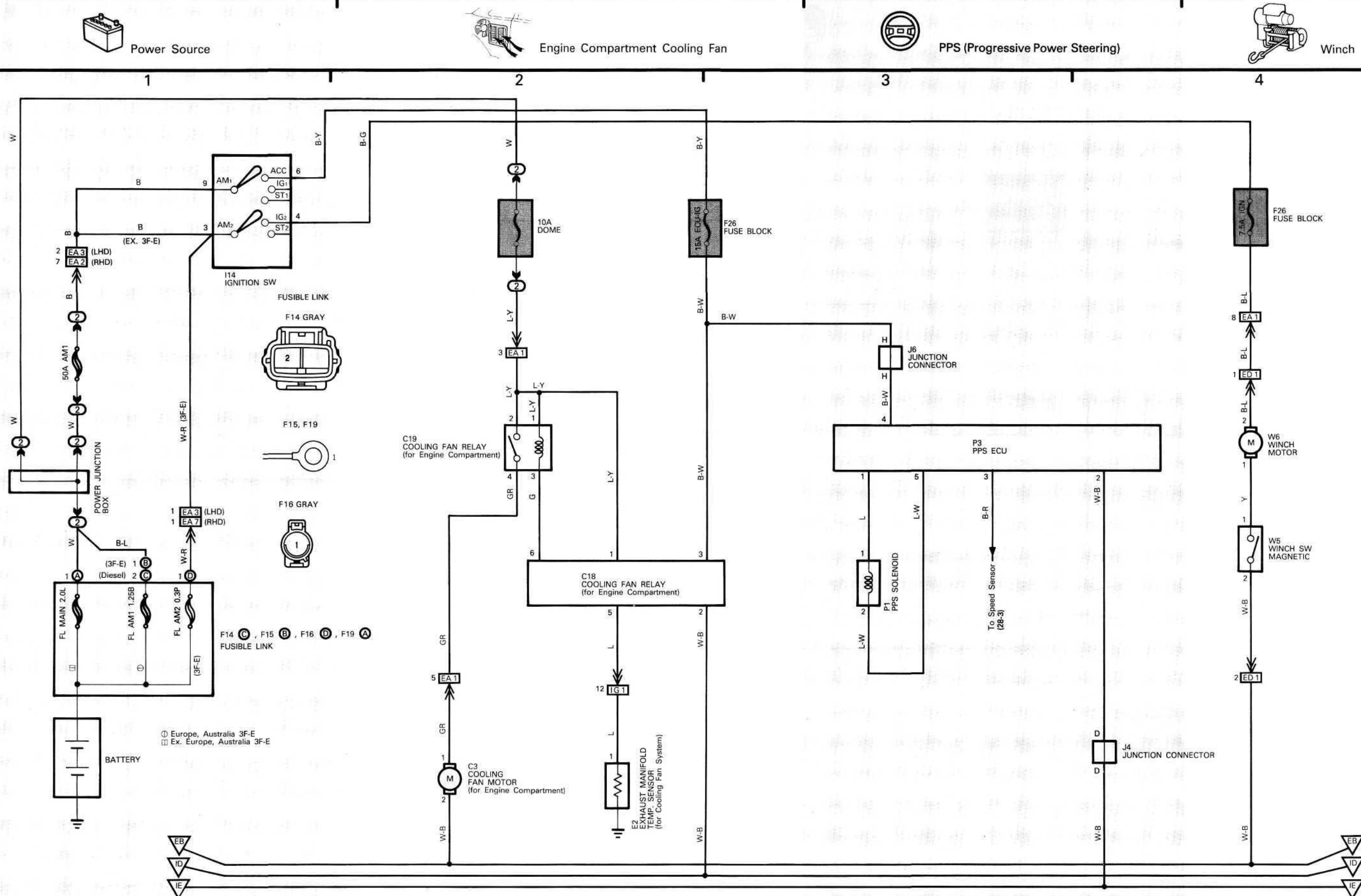
Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

**EC** = Located on engine block  
= Monté sur le bloc-moteur  
= Angebracht auf dem Motor  
= Situado en el bloque motor

**ID** = Located on right kick panel  
= Monté sur la tôle 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 tôle de pied de caisse gauche  
= Angebracht am linken Seitenblech des Vorderen Fußraums  
= Situado en el panel apoyapiés izquierdo





Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

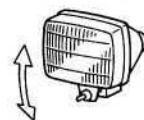
EB = Located on left front fender  
= Monté dans le pare-chock AV gauche  
= Angebracht an der Innenseite des linken Vorderkotflügels  
= Situado en el parachoques

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



Power Source



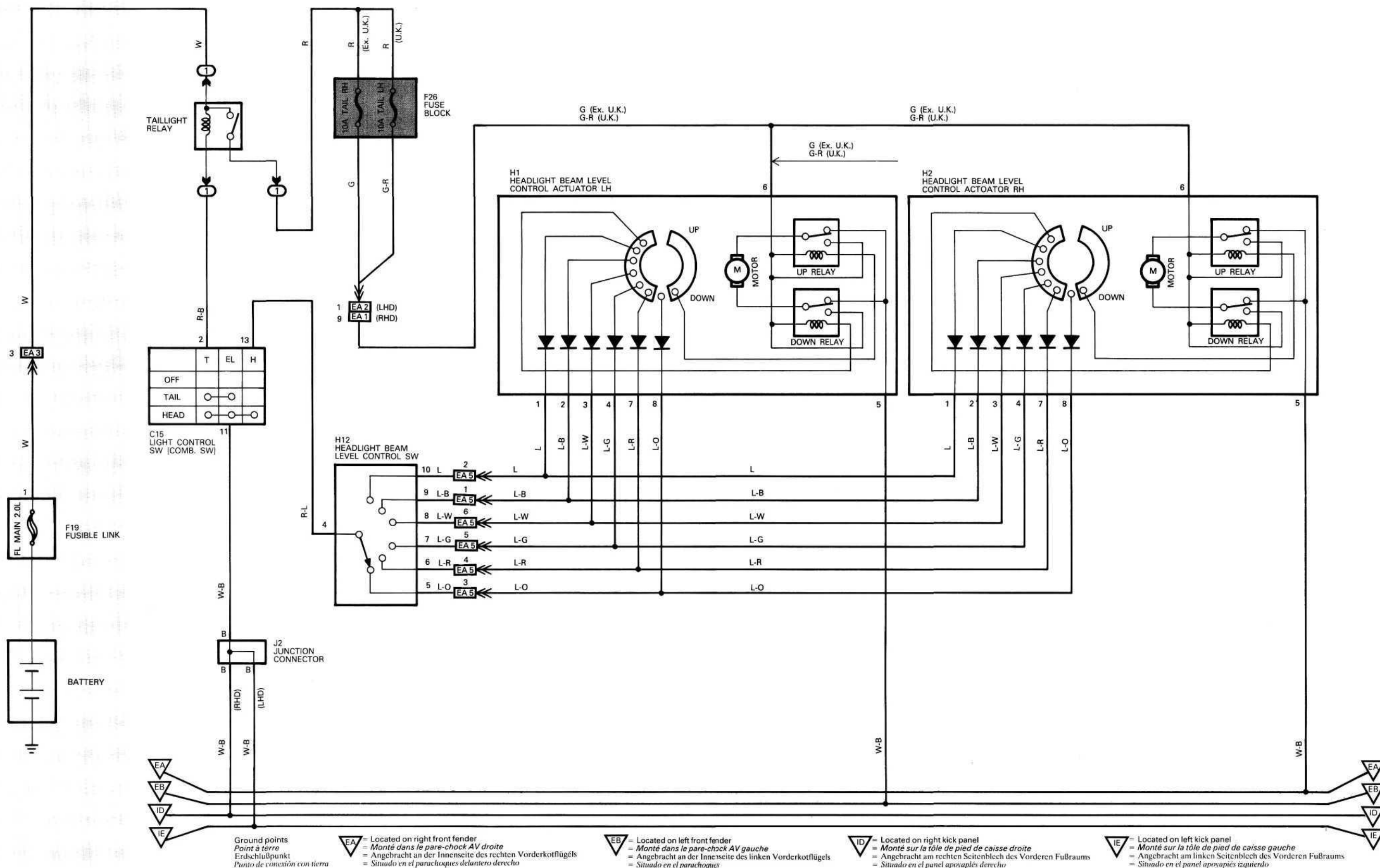
Headlight Beam Level Control

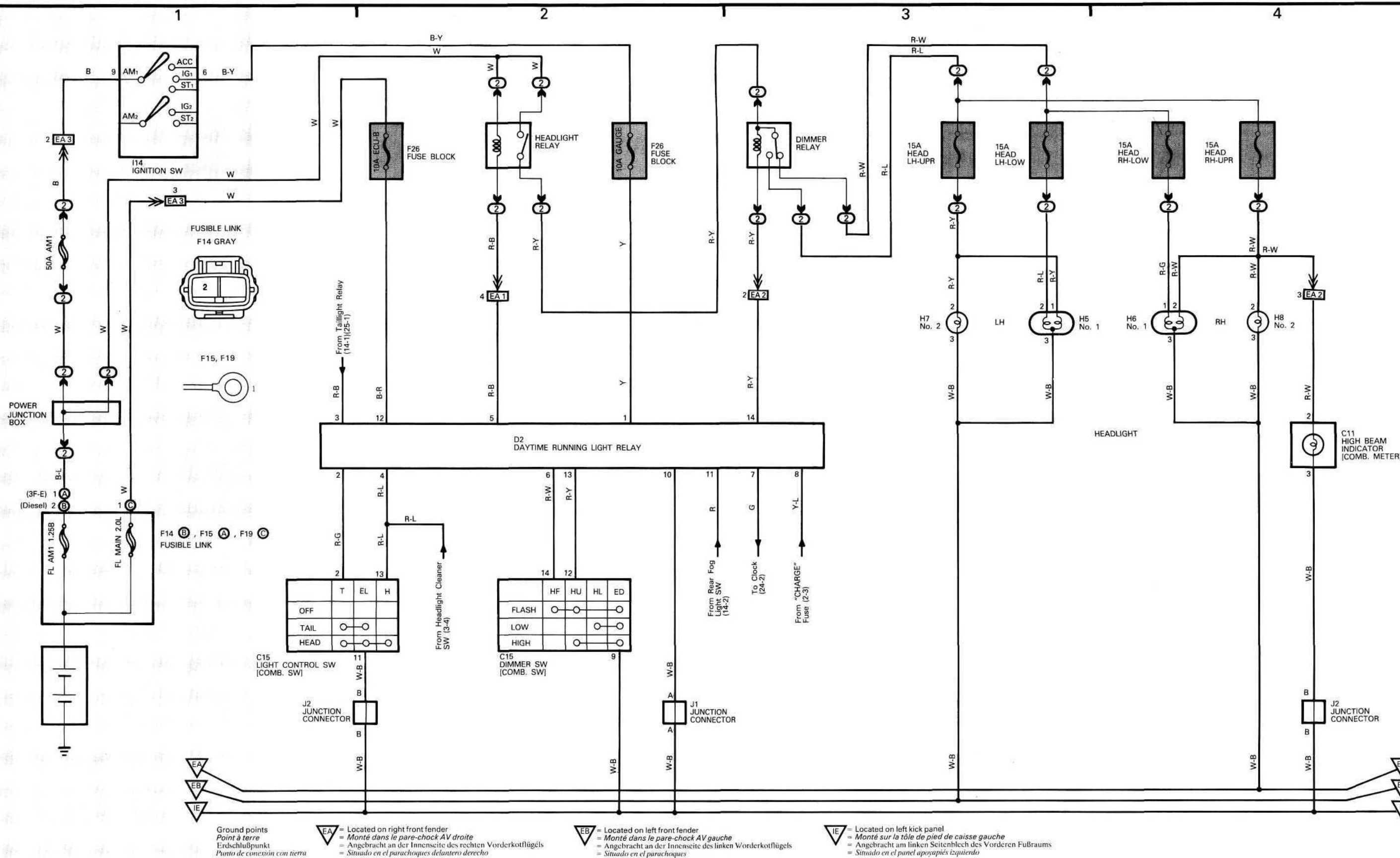
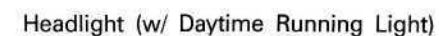
1

2

3

4



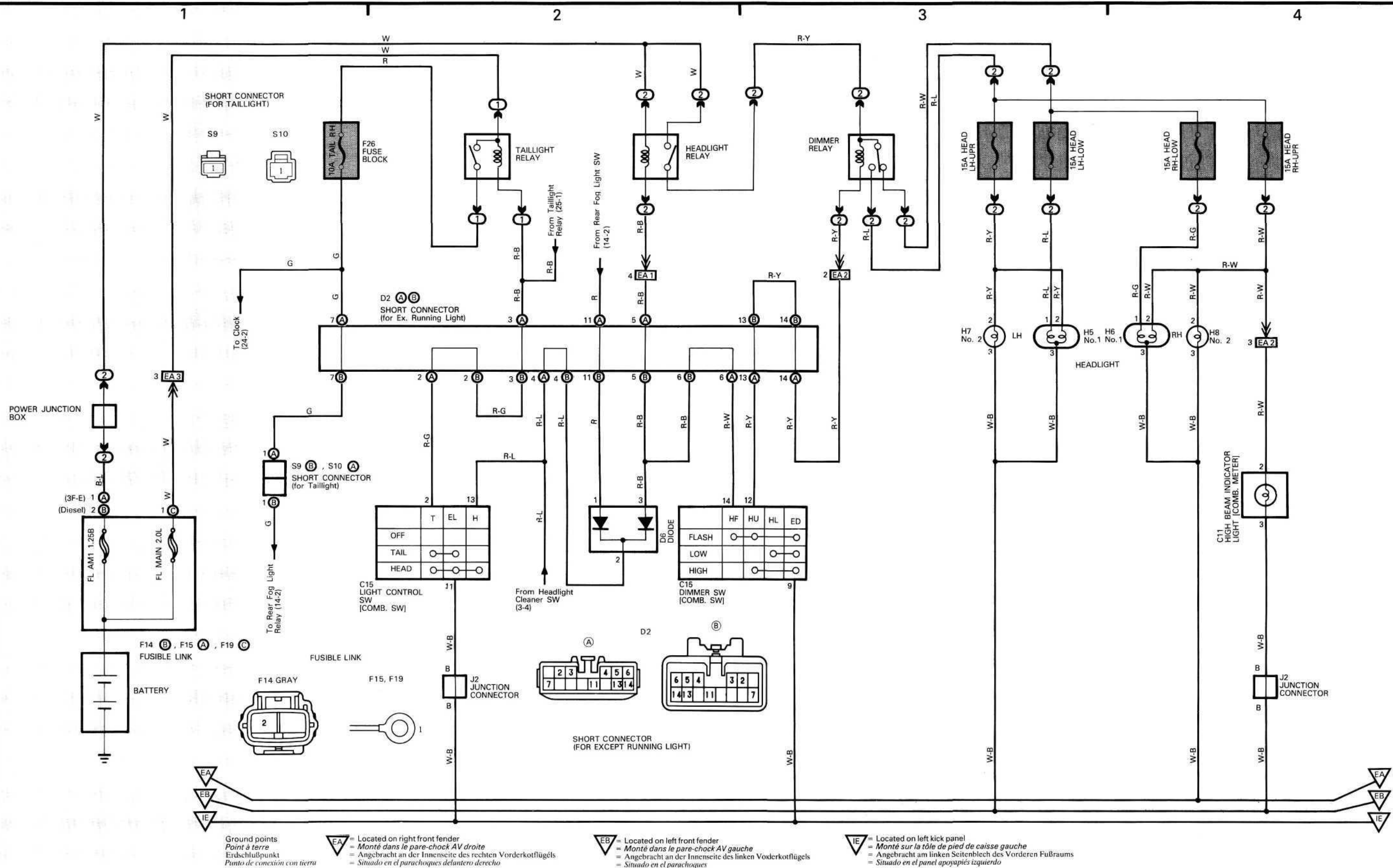




Power Source



Headlight (LHD in Europe w/o Daytime Running Light)



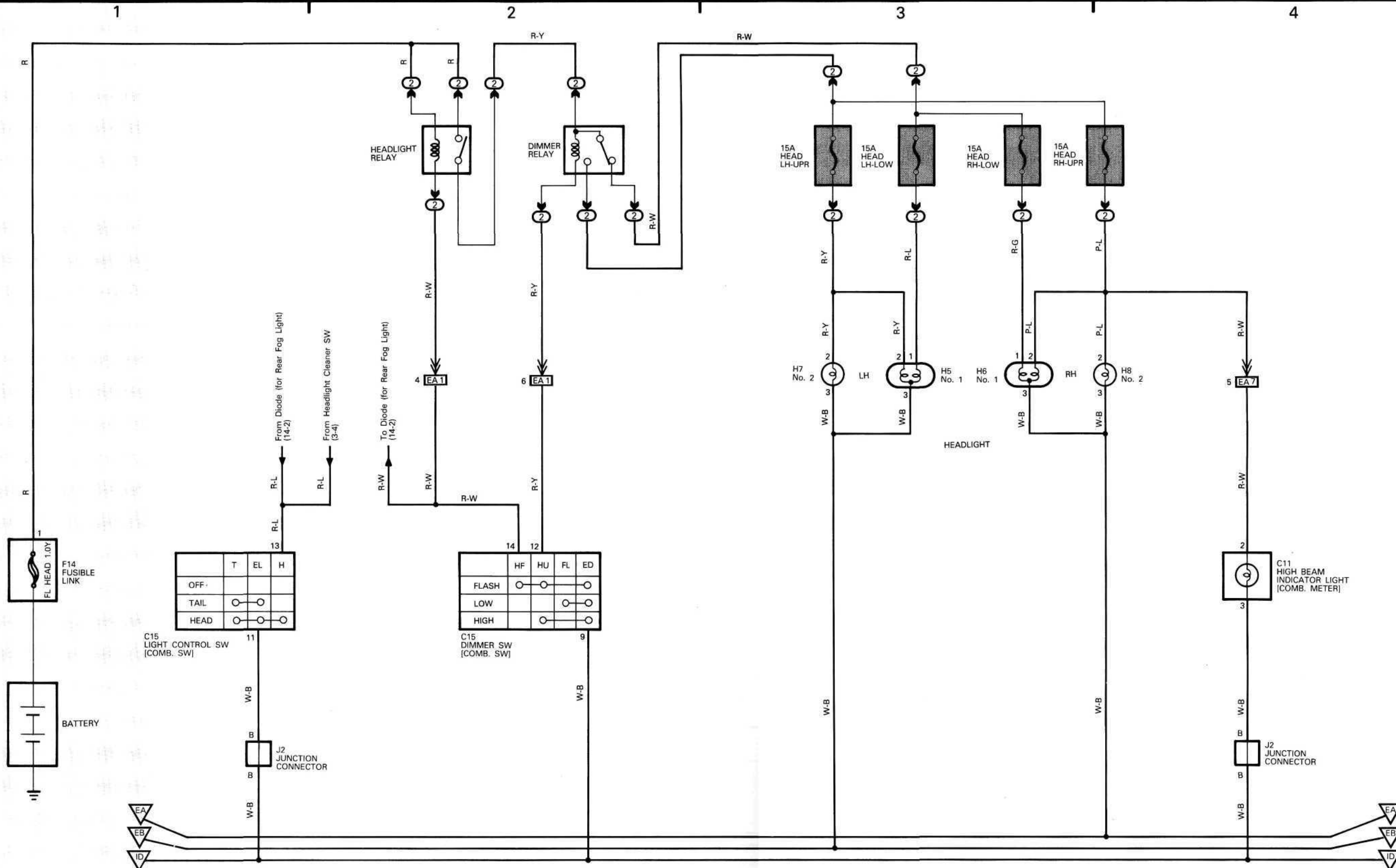




Power Source



Headlight (U.K.)



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

EA = Located on right front fender  
= Monté dans le pare-chock AV droite  
= Angebracht an der Innenseite des rechten Vorderkotflügels  
= Situado en el parachoques delantero derecho

EB = Located on left front fender  
= Monté dans le pare-chock AV gauche  
= Angebracht an der Innenseite des linken Vorderkotflügels  
= Situado en el parachoques

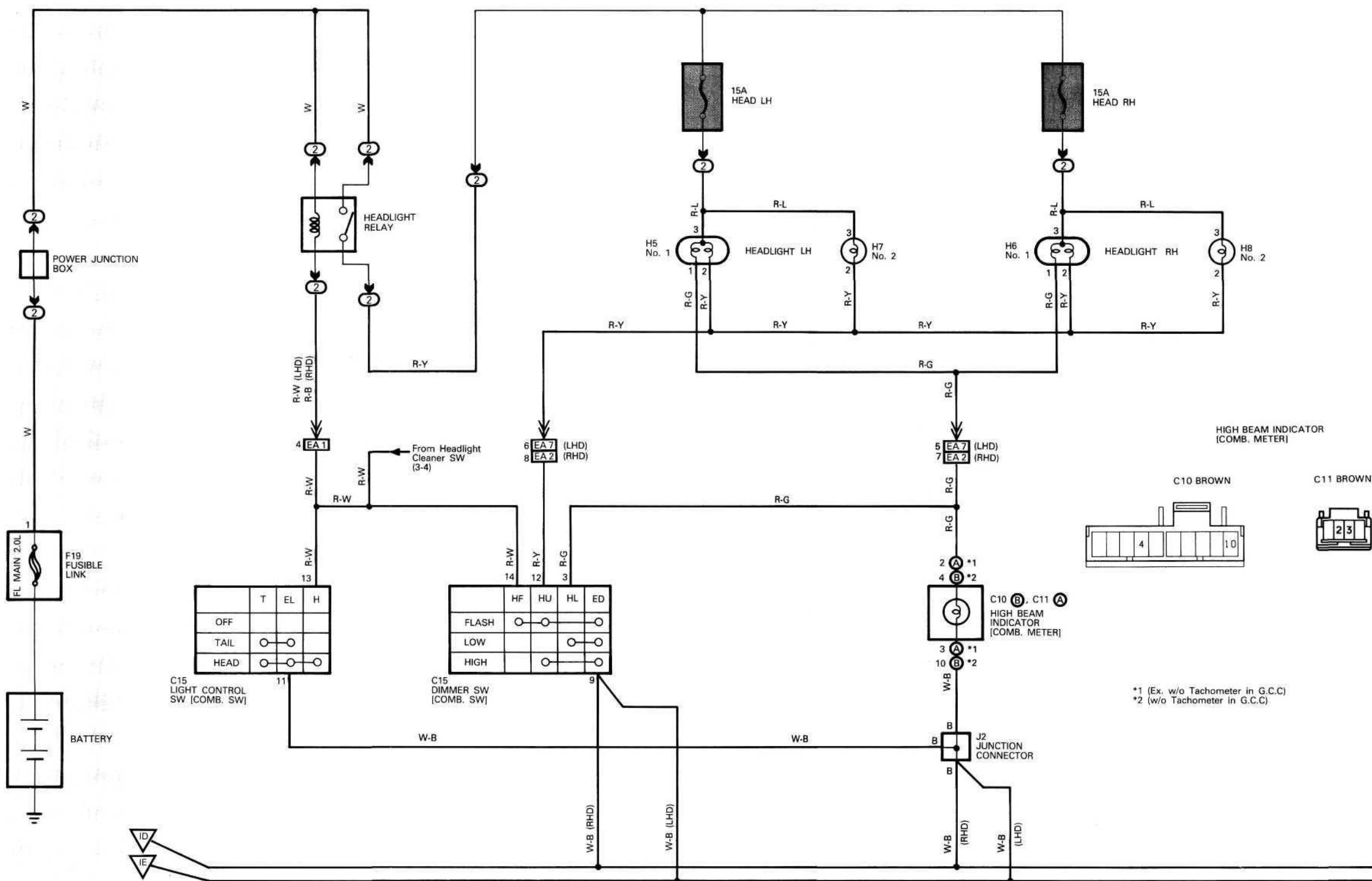
ID = Located on right kick panel  
= Monté sur la tôle de pied de caisse droite  
= Angebracht am rechten Seitenblech des Vorderen Fußraums  
= Situado en el panel apoyapies derecho



Power Source



Headlight (Ex. LHD in Europe)



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

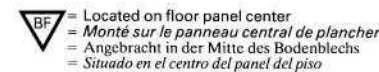


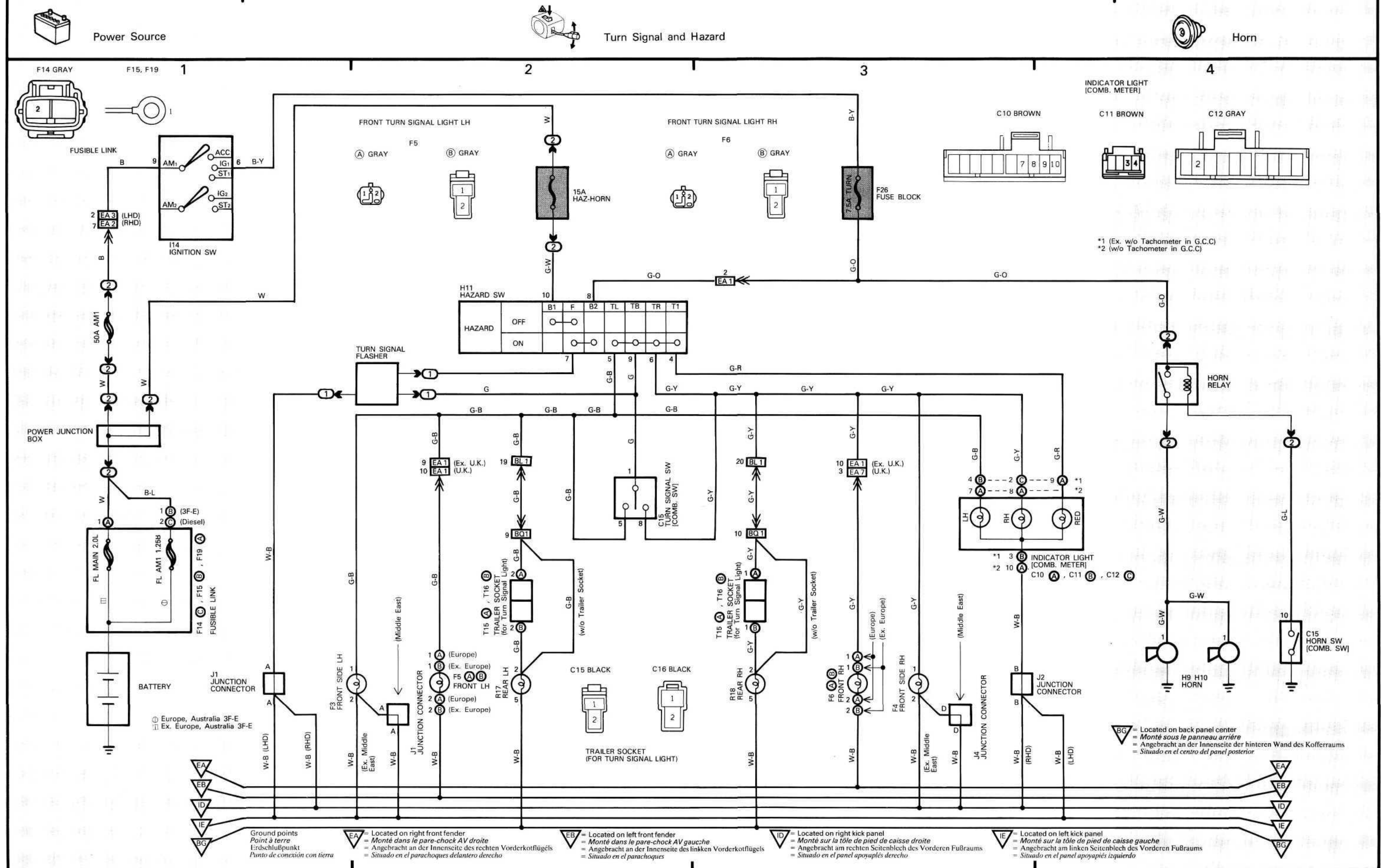
ID = Located on right kick panel  
= Monté sur la tôle de pied de caisse droite  
= Angebracht am rechten Seitenblech des Vorderen Fußraums  
= Situado en el panel apoyapiés derecho

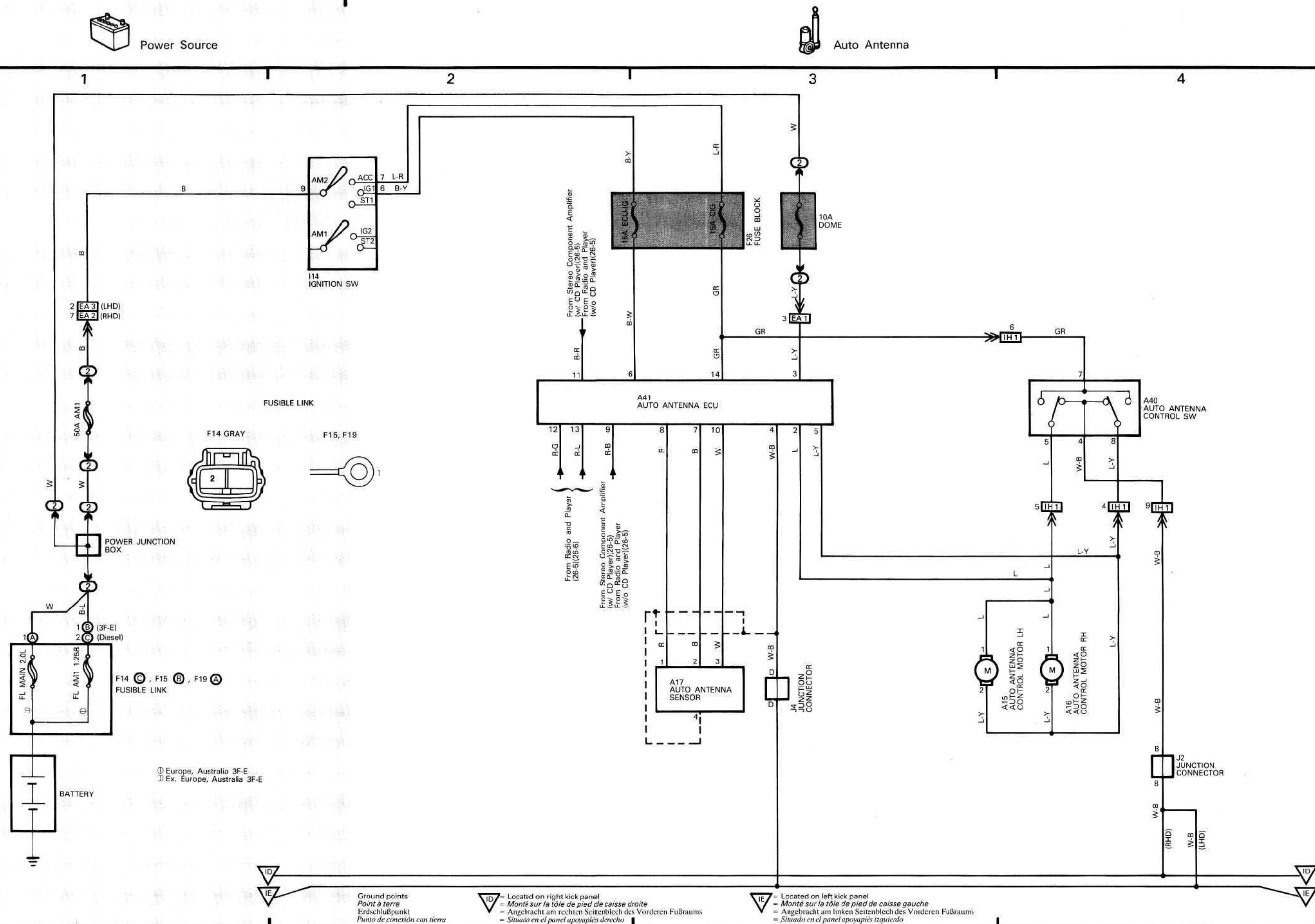


IE = Located on left kick panel  
= Monté sur la tôle de pied de caisse gauche  
= Angebracht am linken Seitenblech des Vorderen Fußraums  
= Situado en el panel apoyapiés izquierdo

\*1 (Ex. w/o Tachometer in G.C.C)  
\*2 (w/o Tachometer in G.C.C)







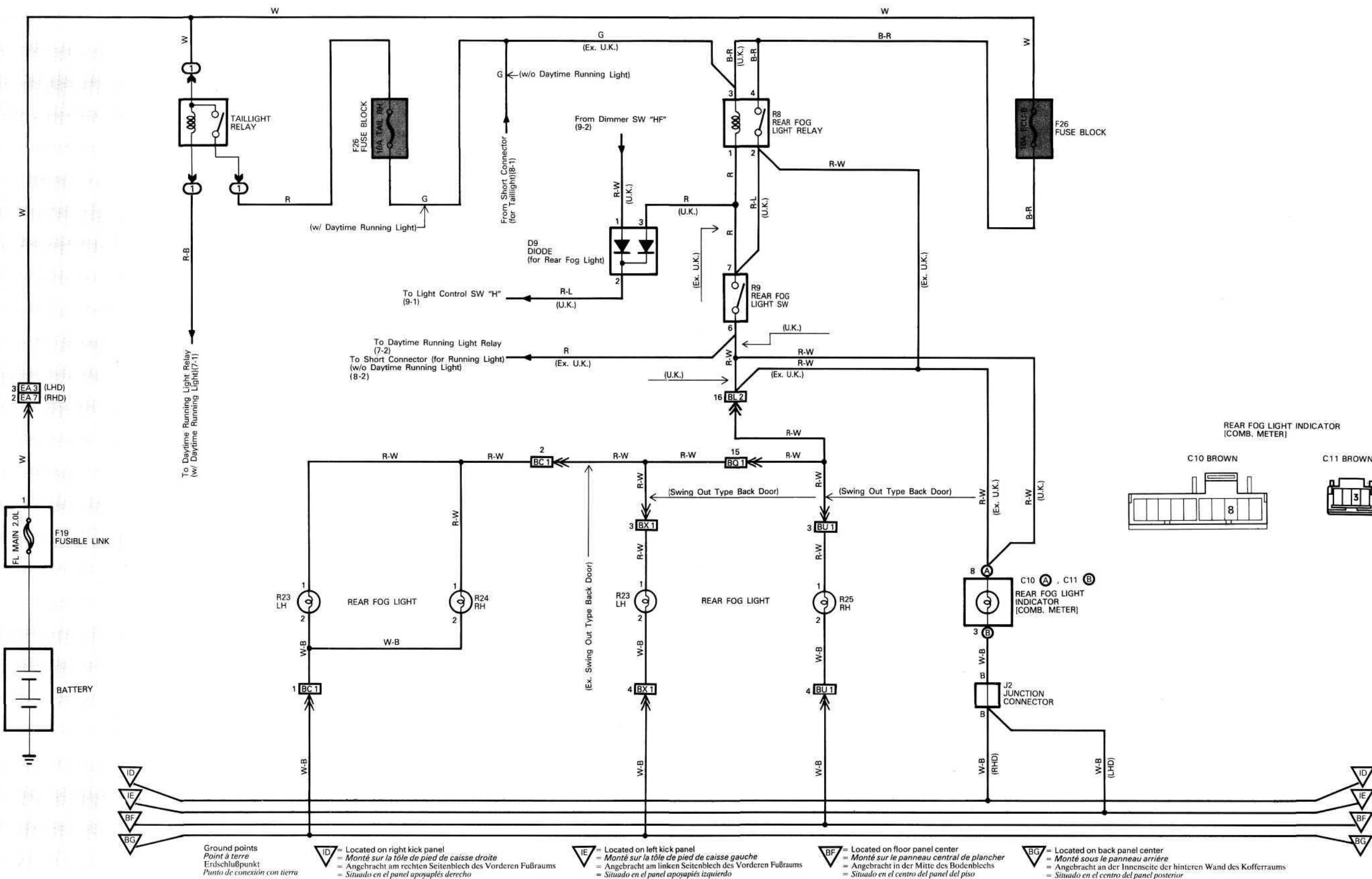




Power Source

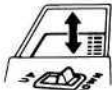


Rear Fog Light

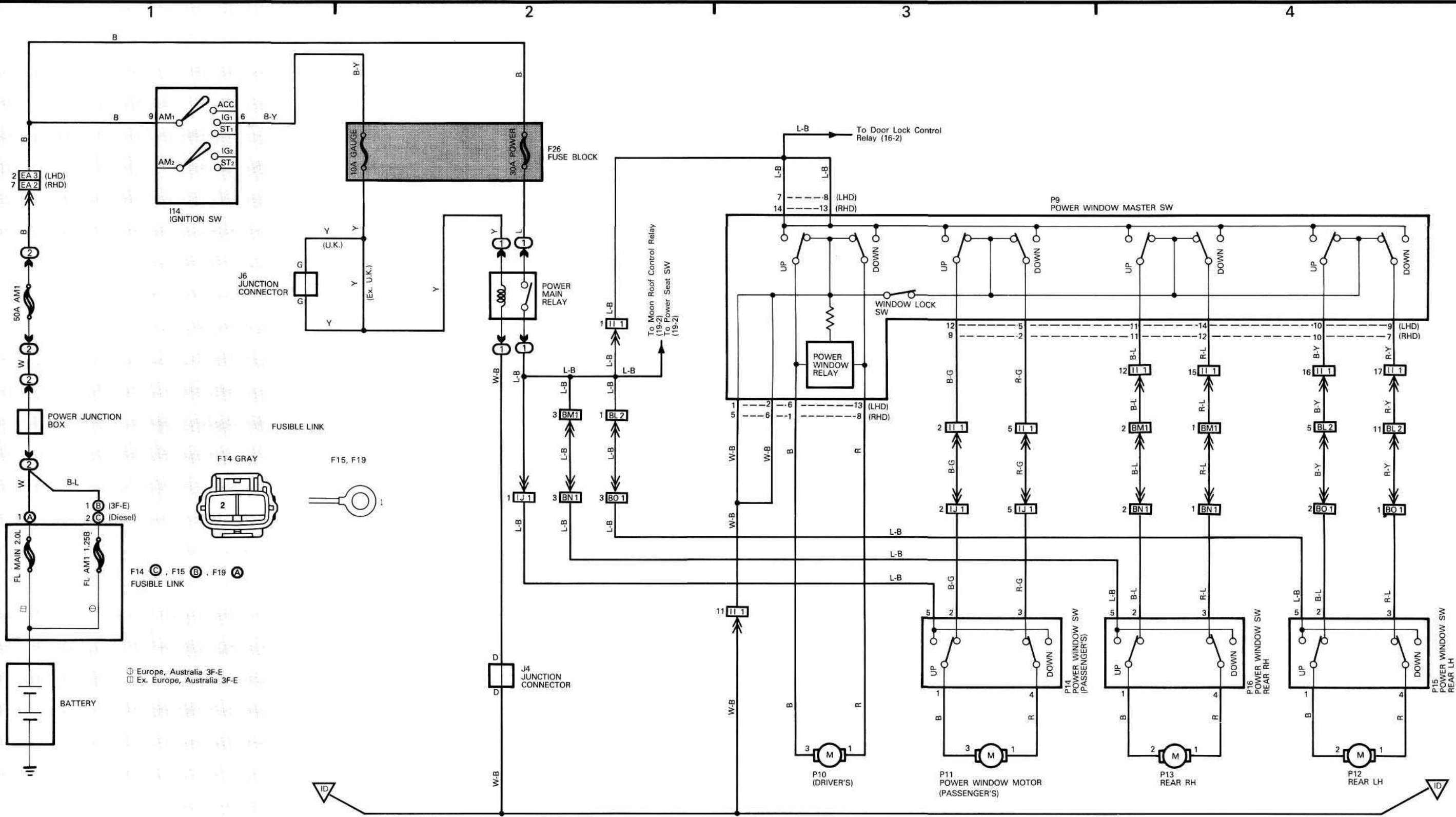




Power Source



Power Window



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

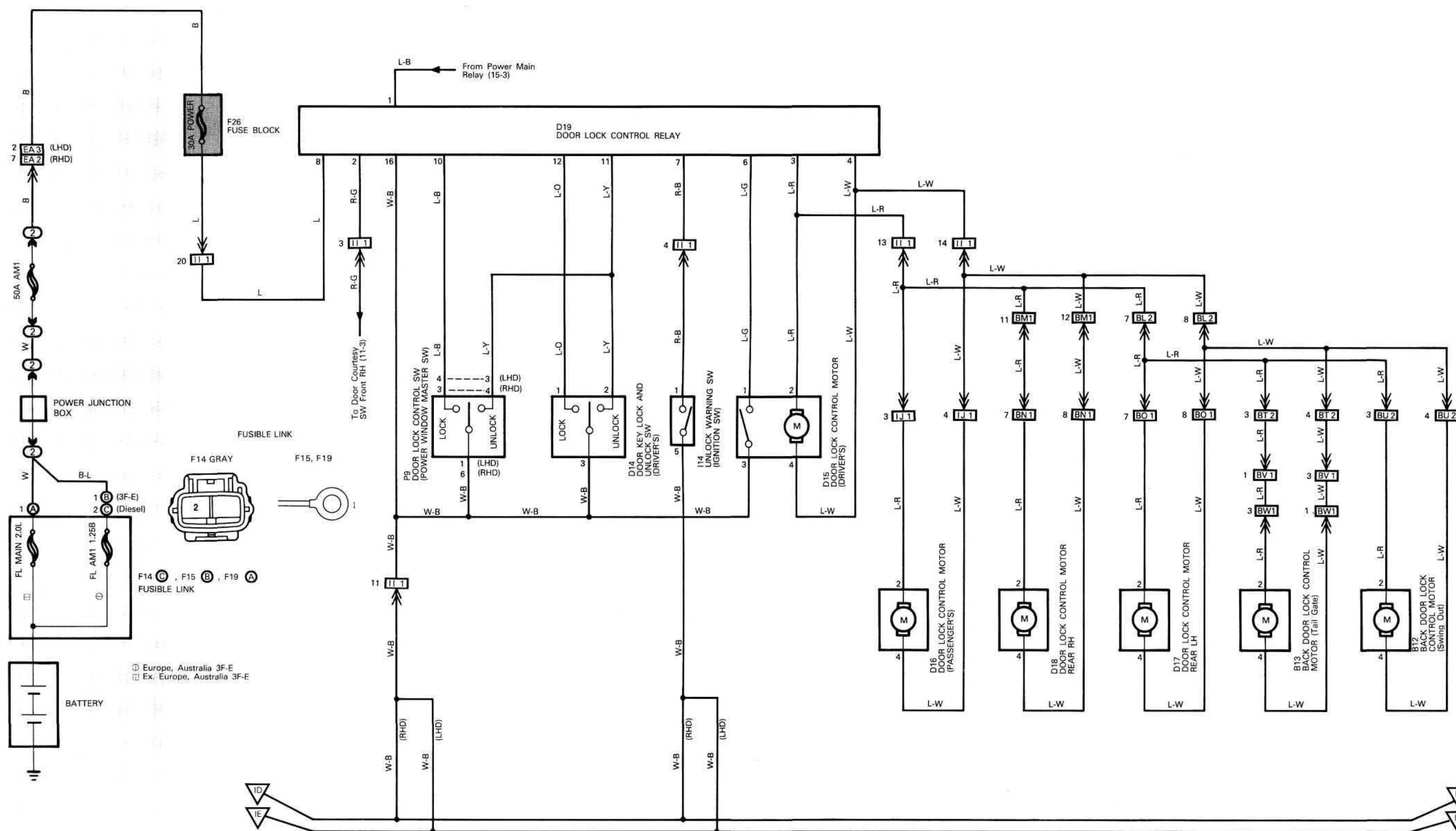
△ ID = Located on right kick panel  
= Monté sur la tôle de pied de caisse droite  
= Angebracht am rechten Seitenblech des Vorderen Fußraums  
= Situado en el panel apoyapies derecho



Power Source



Door Lock



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

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

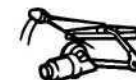




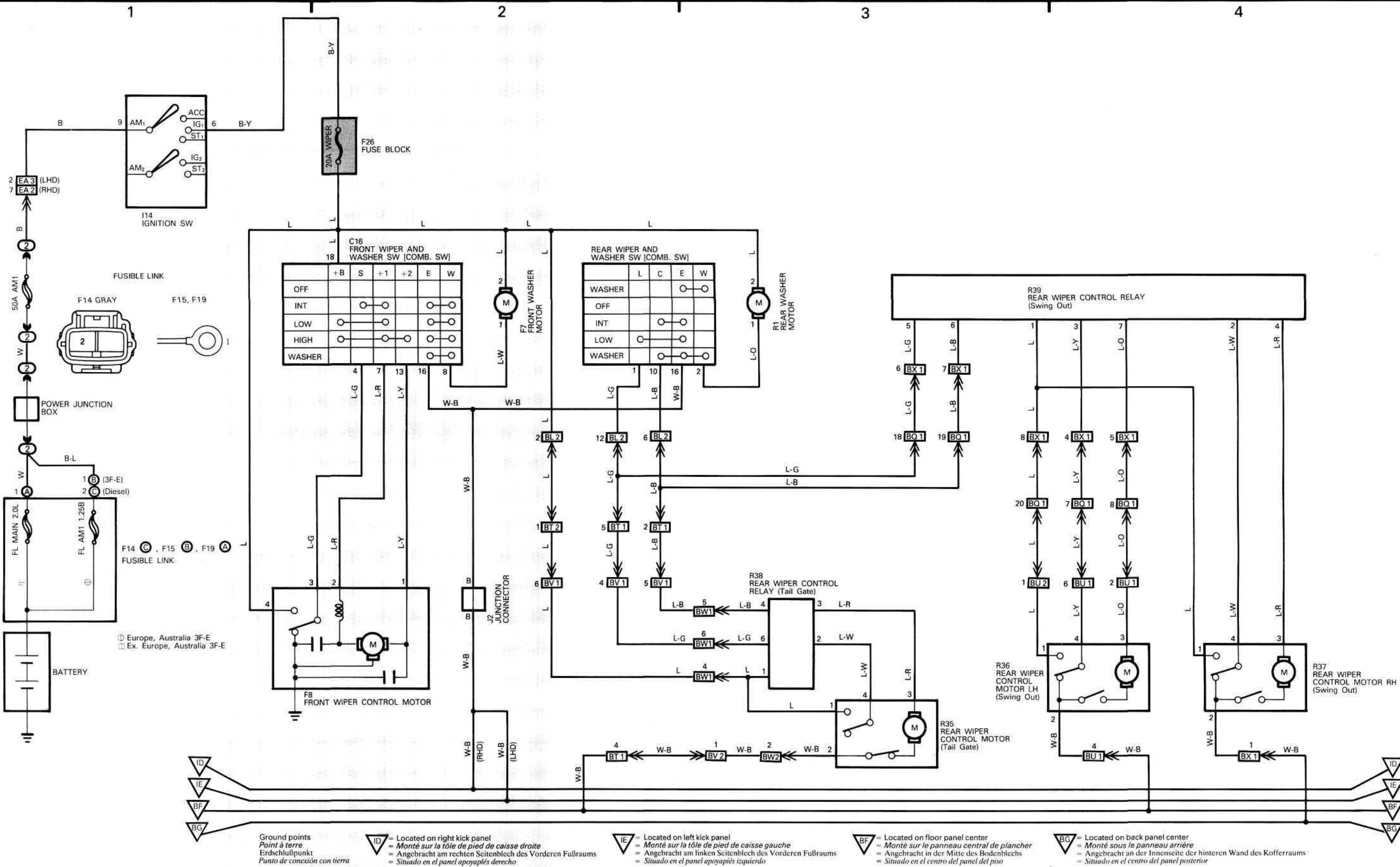
Power Source

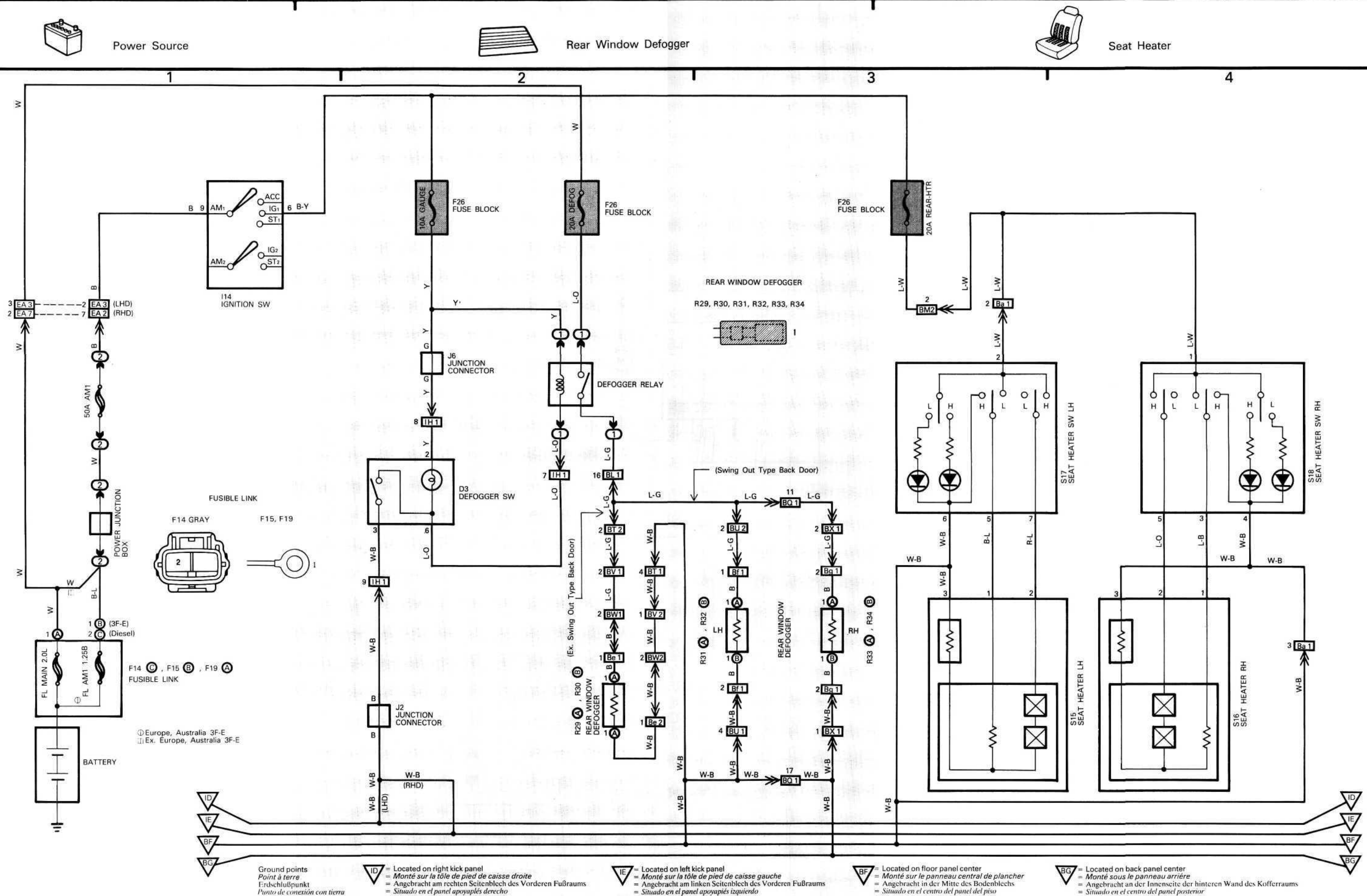


Front Wiper and Washer



Rear Wiper and Washer







Power Source



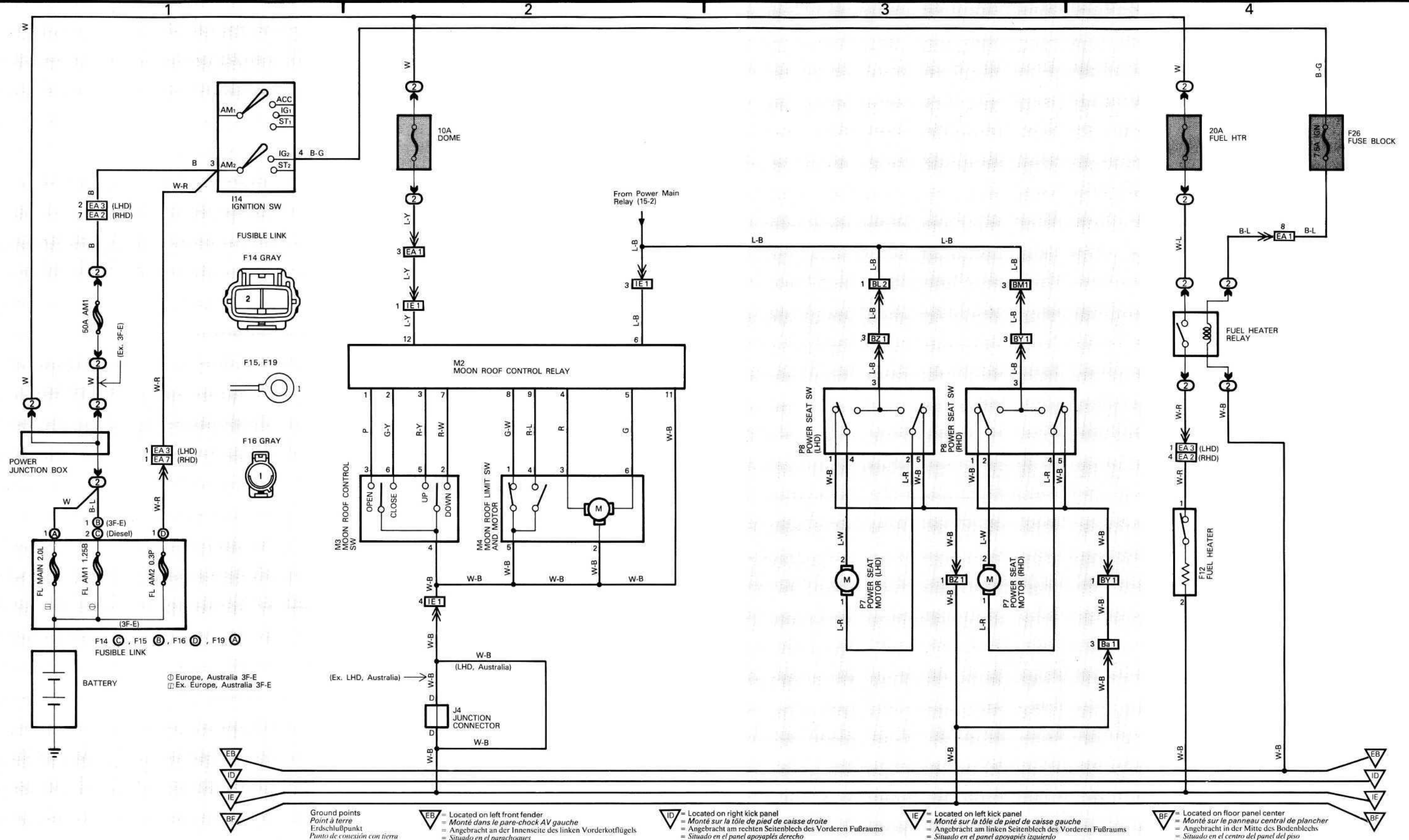
Moon Roof



Power Seat

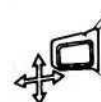


Fuel Heater

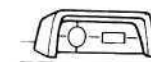




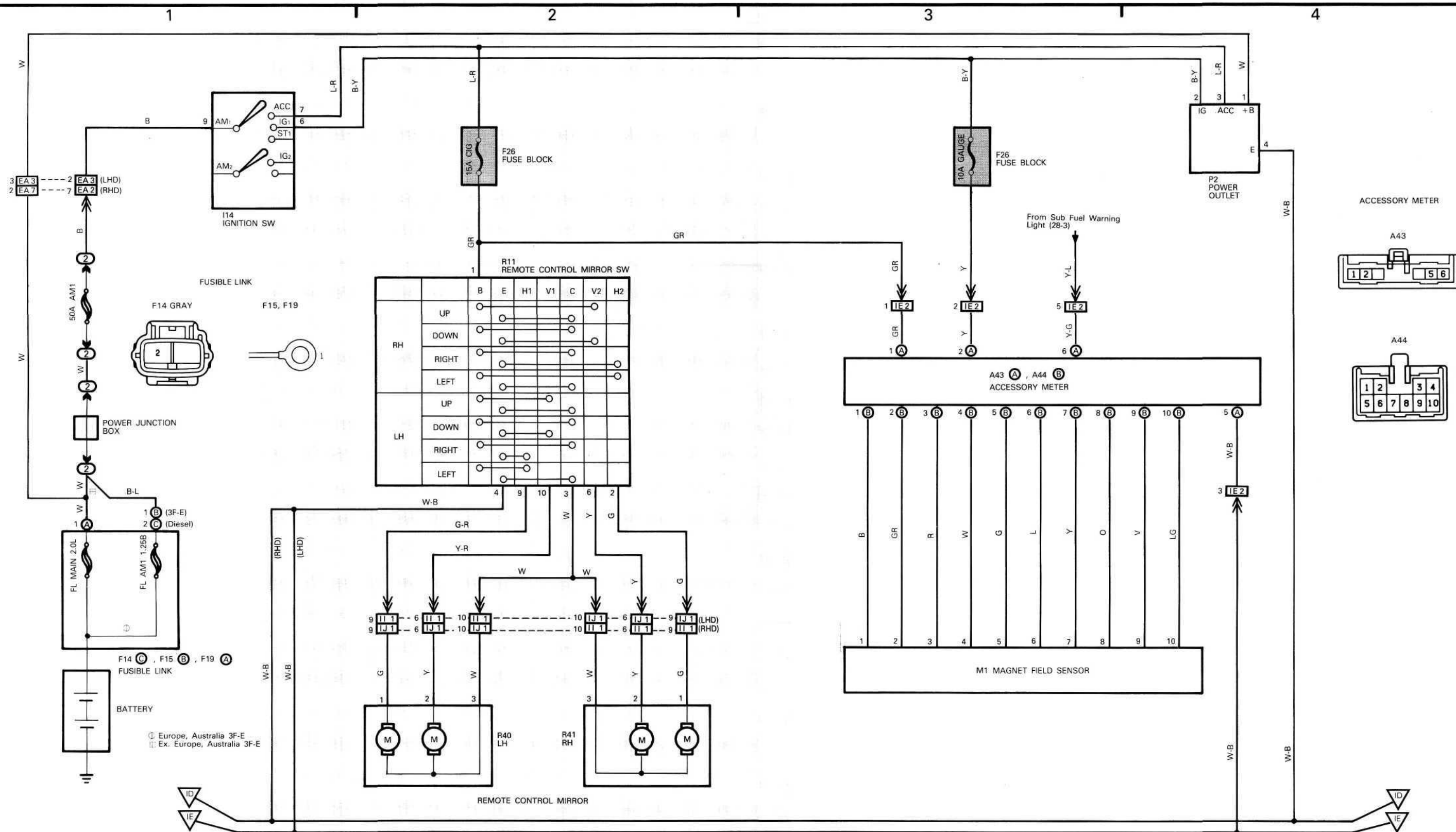
Power Source



Remote Control Mirror



Accessory Meter



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

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





Power Source



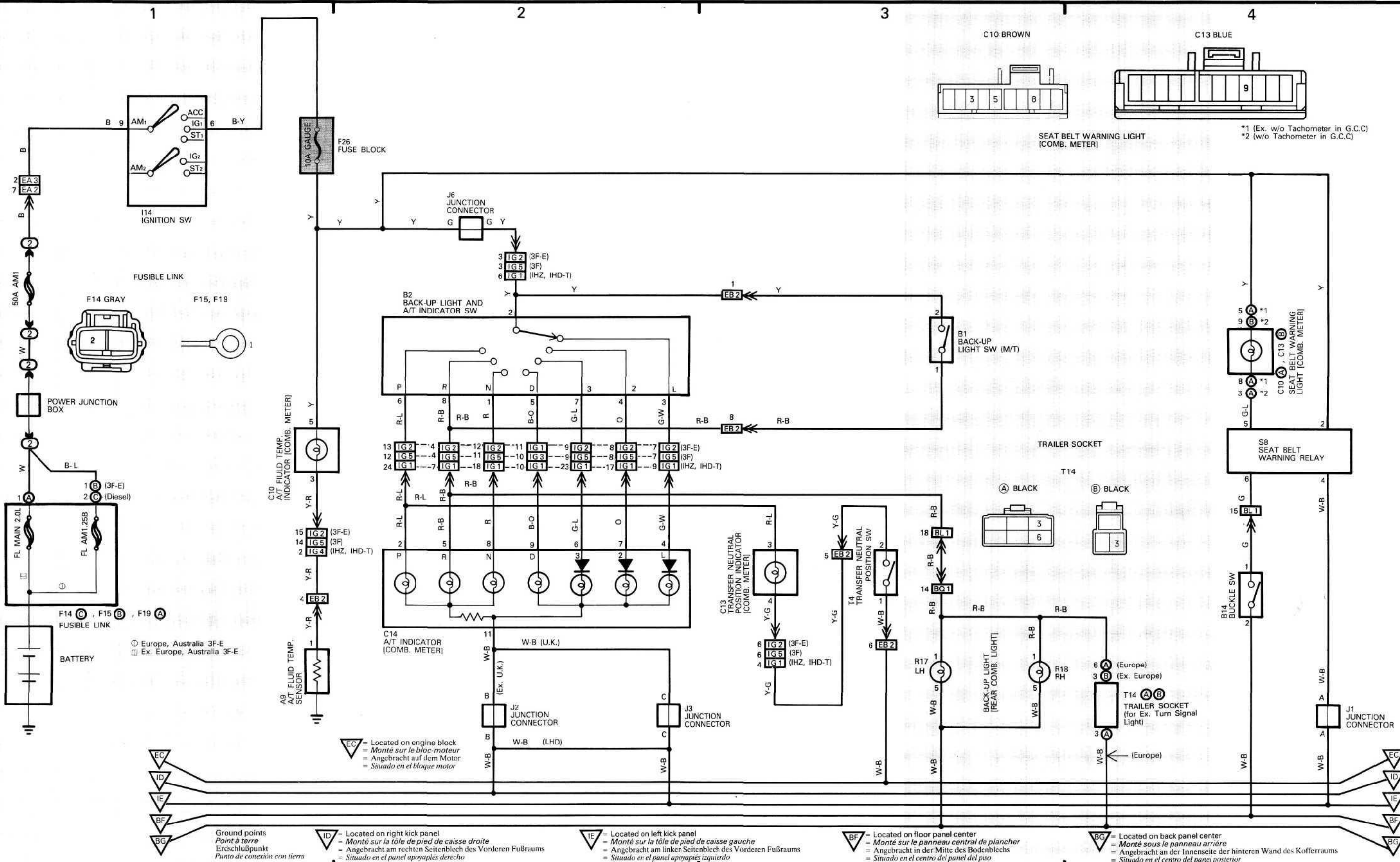
Automatic Transmission Indicator

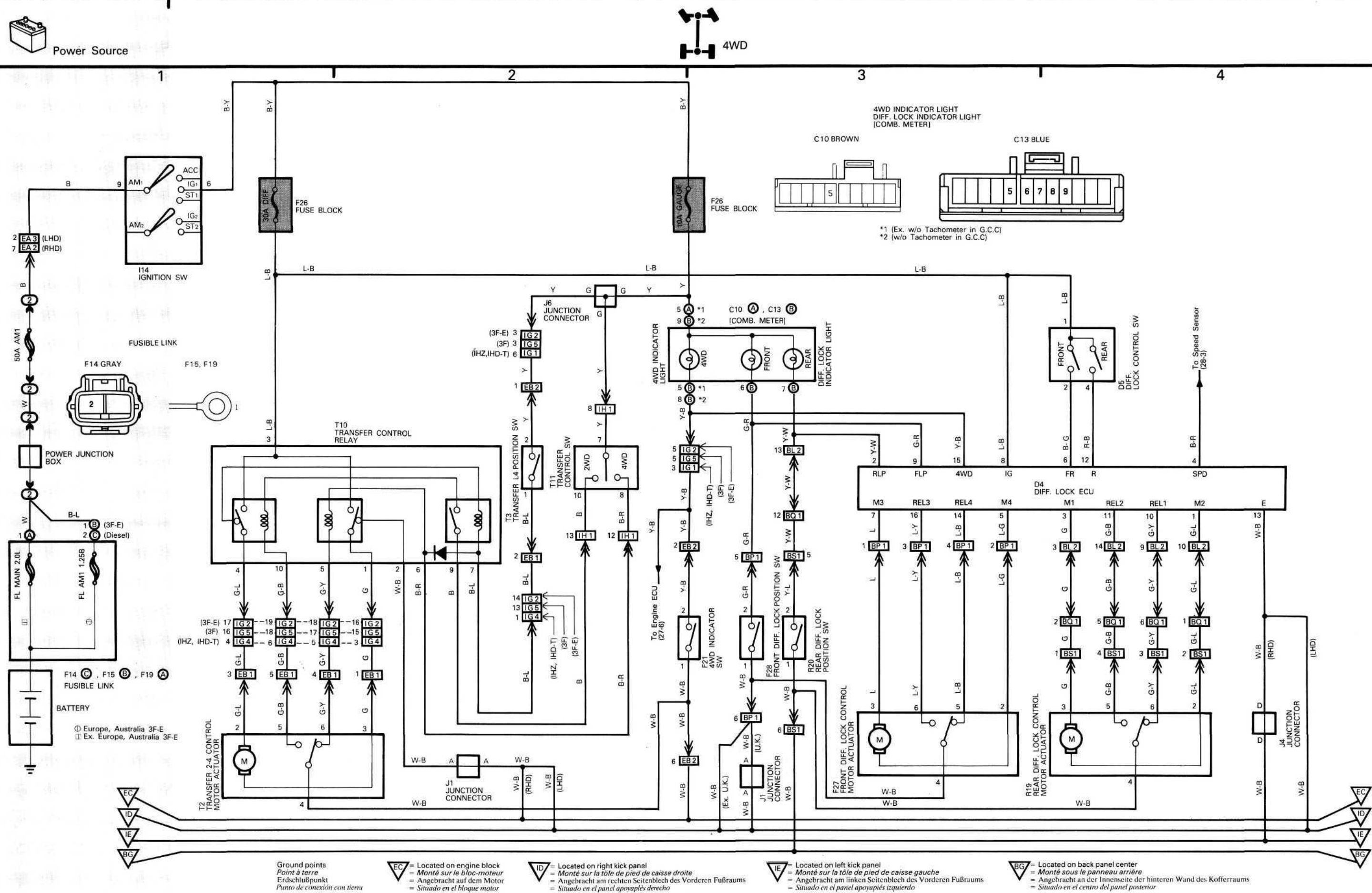


Back-Up Light



Seat Belt Warning



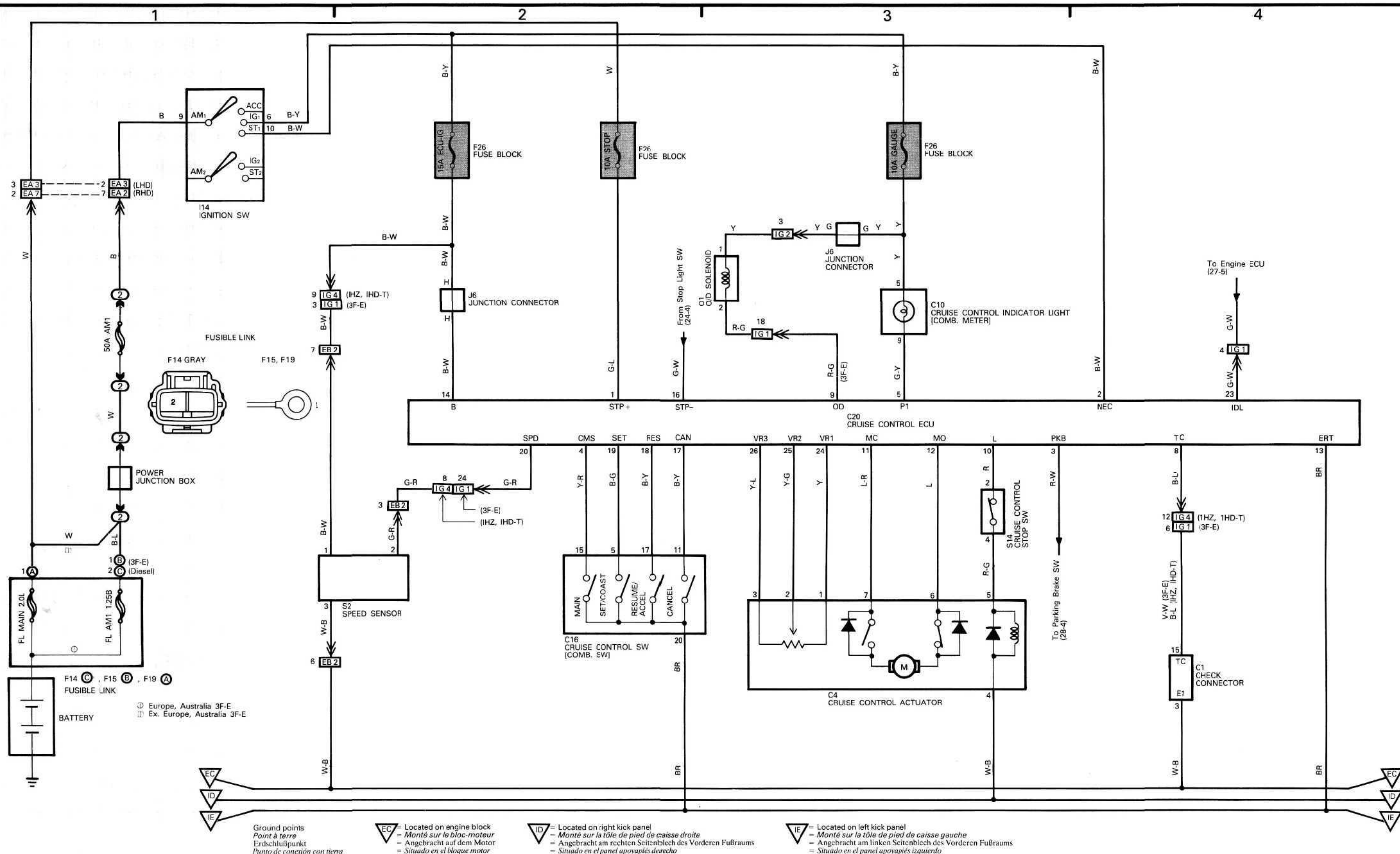




Power Source



Cruise Control





Power Source



Clock



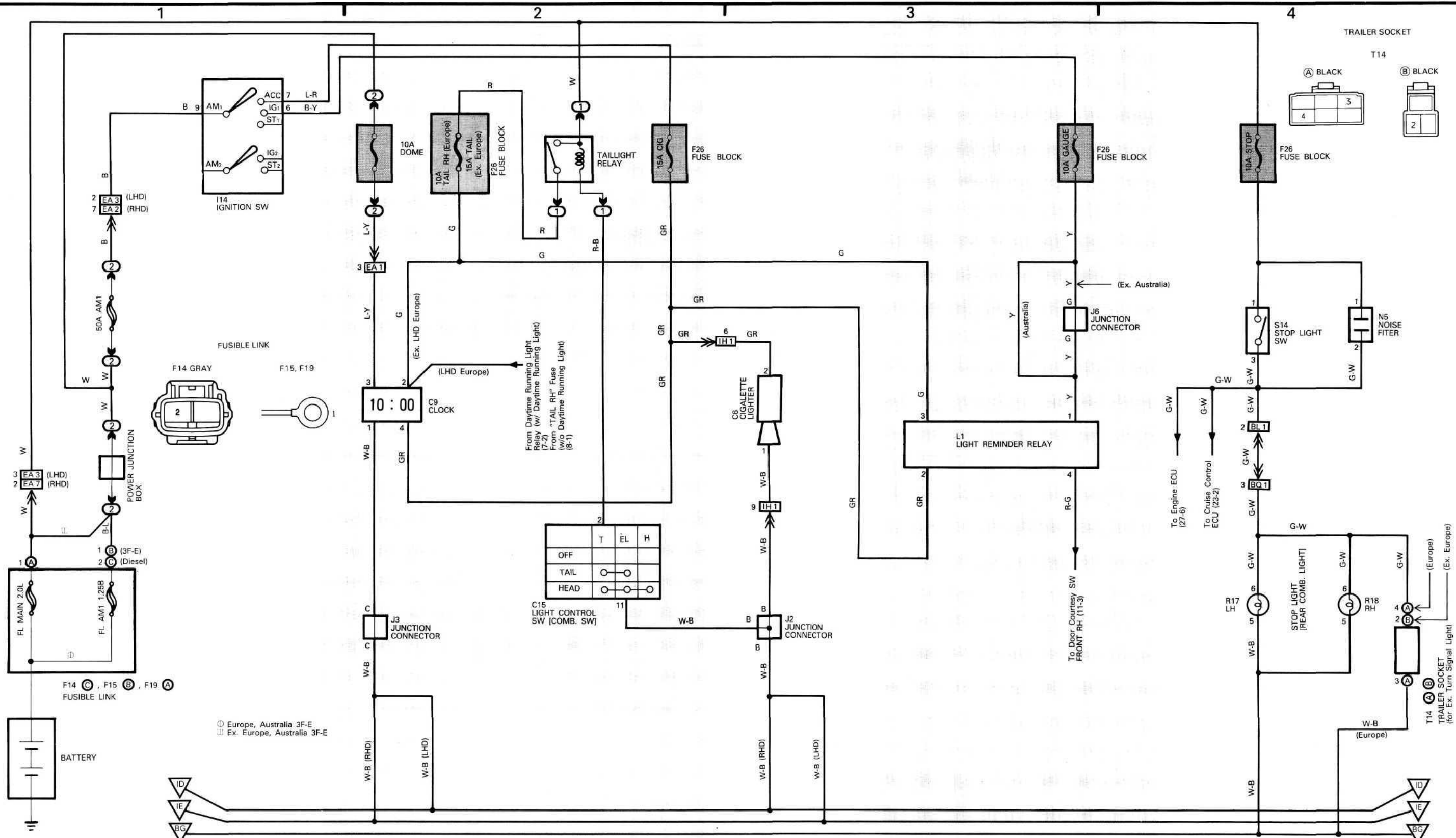
Cigarette Lighter



Light Reminder



Stop Light



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

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

BC = Located on back panel center  
= Monté sous le panneau arrière  
= Angebracht an der Innenseite der hinteren Wand des Kofferraums  
= Situado en el centro del panel posterior

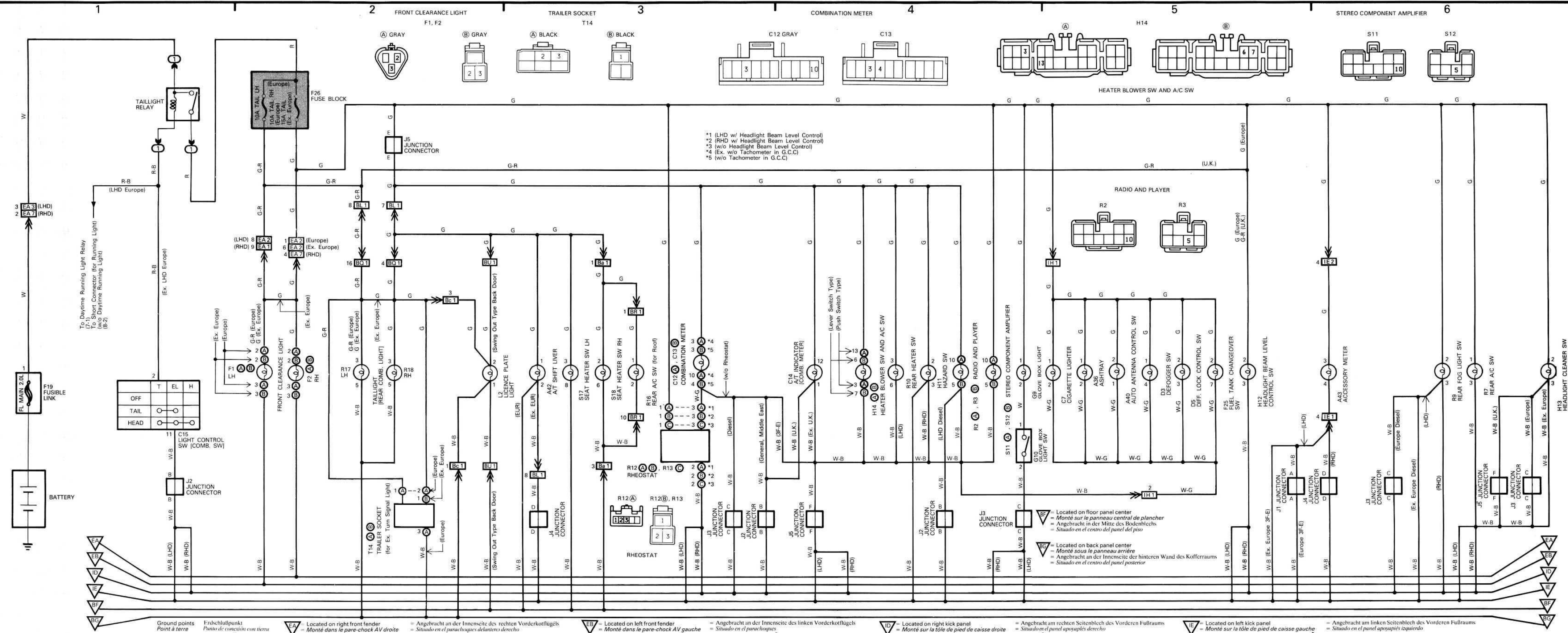




Power Source



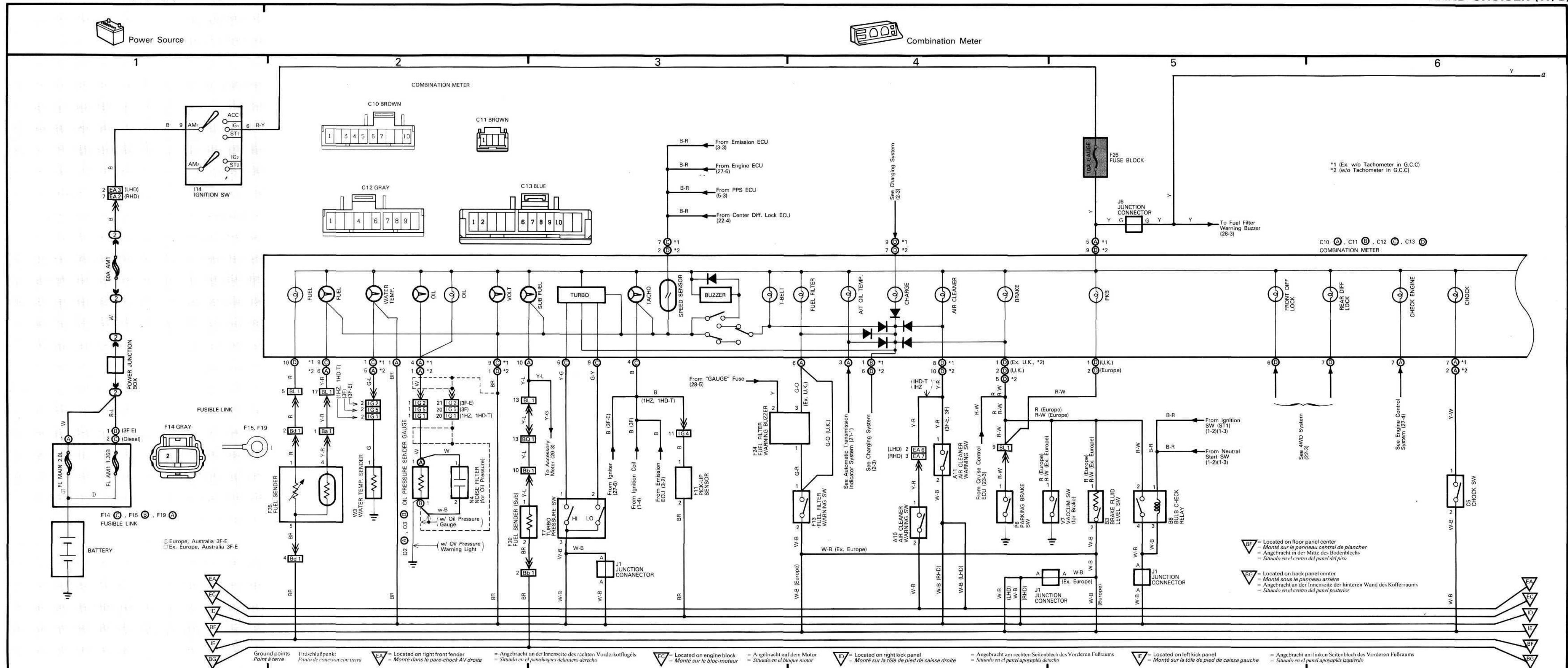
Taillight and Illumination









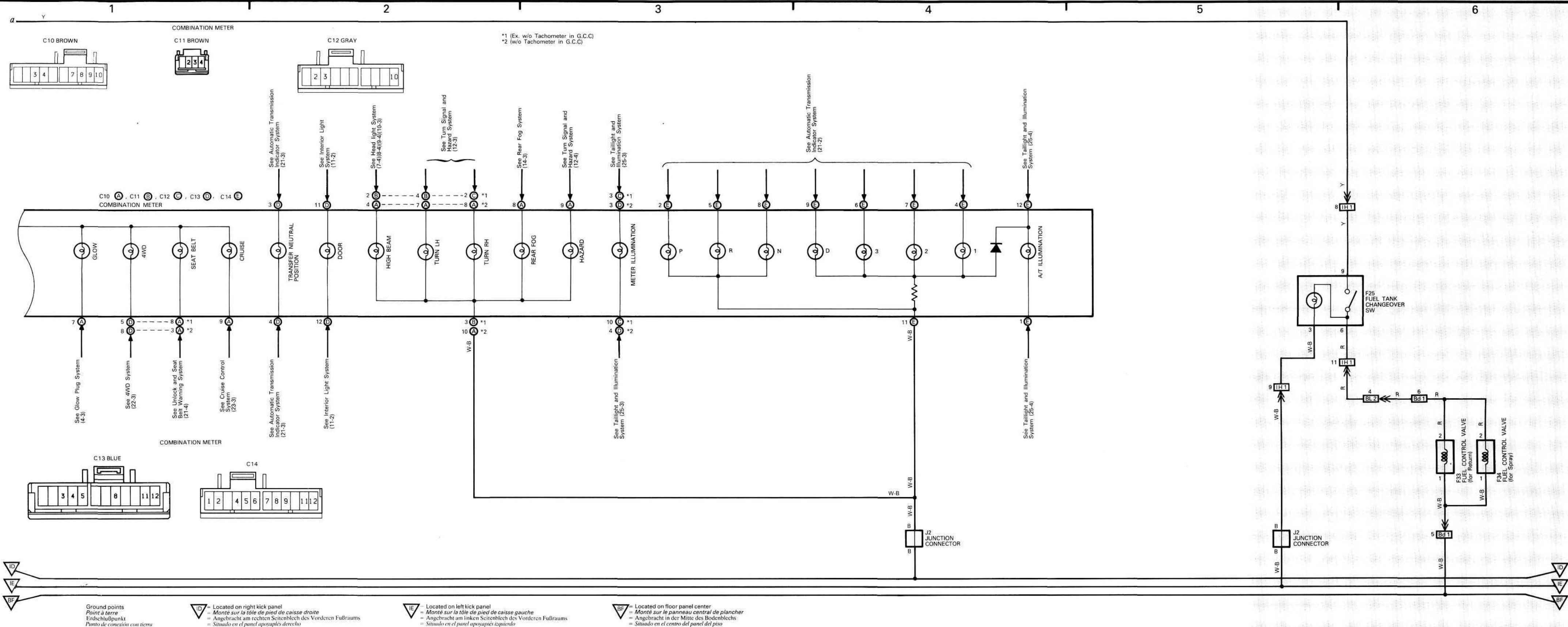




Combination Meter



Fuel Tank Changeover



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

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

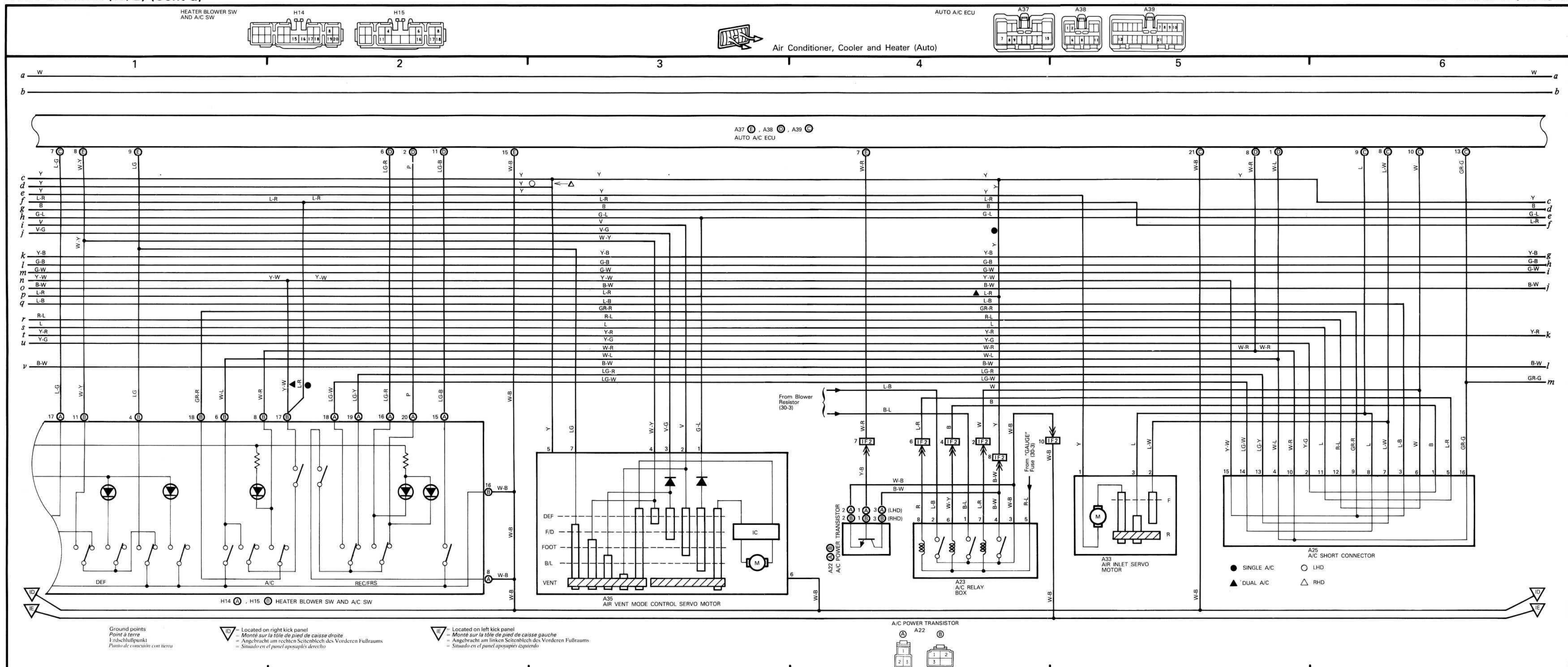
IE = Located on left kick panel  
= Monté sur la tôle de pied de caisse gauche  
= Angebracht am linken Seitenblech des Vorderen Fußraums  
= Situado en el panel apoyapiés izquierdo

BF = Located on floor panel center  
= Monté sur le panneau central de plancher  
= Angebracht in der Mitte des Bodenblechs  
= Situado en el centro del panel del piso

F25 FUEL TANK CHANGEOVER SW  
F33 FUEL CONTROL VALVE (for Return)  
F34 FUEL CONTROL VALVE (for Spray)









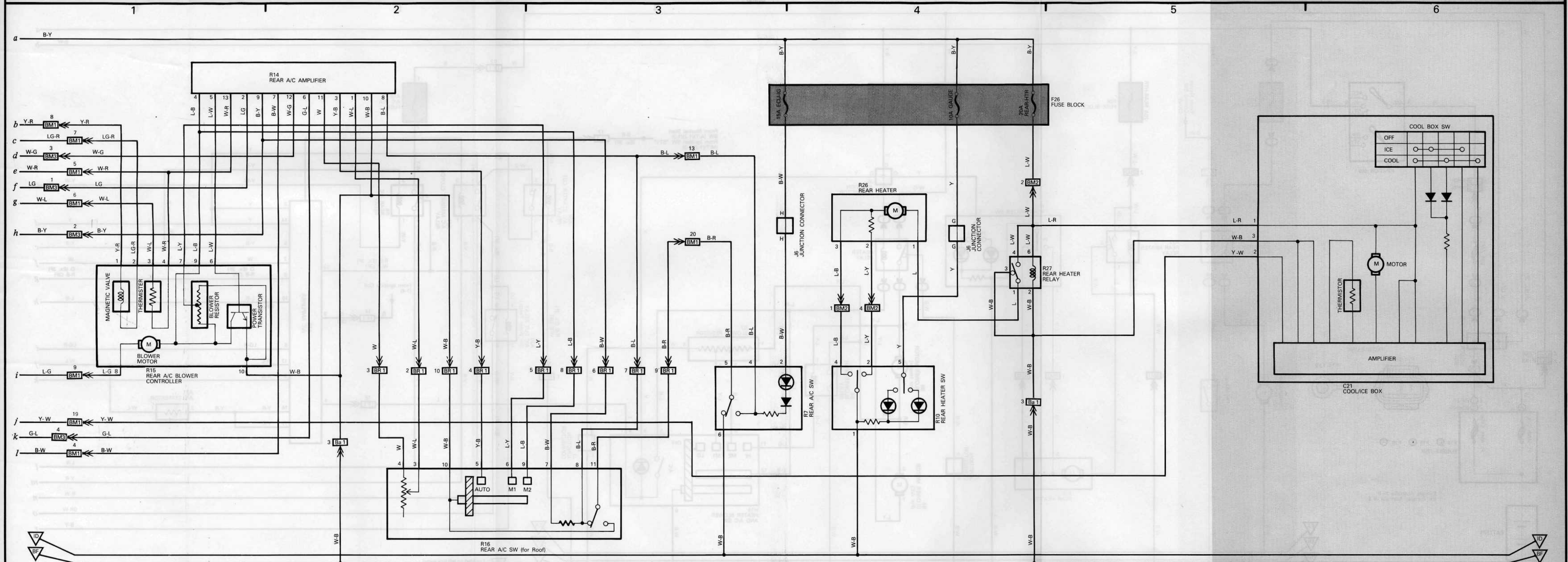




Rear Air Conditioner (Auto)



Cool/Ice Box



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

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

BF = Located on floor panel center  
= Monté sur le panneau central de plancher  
= Angebracht in der Mitte des Bodenblechs  
= Situado en el centro del panel del piso



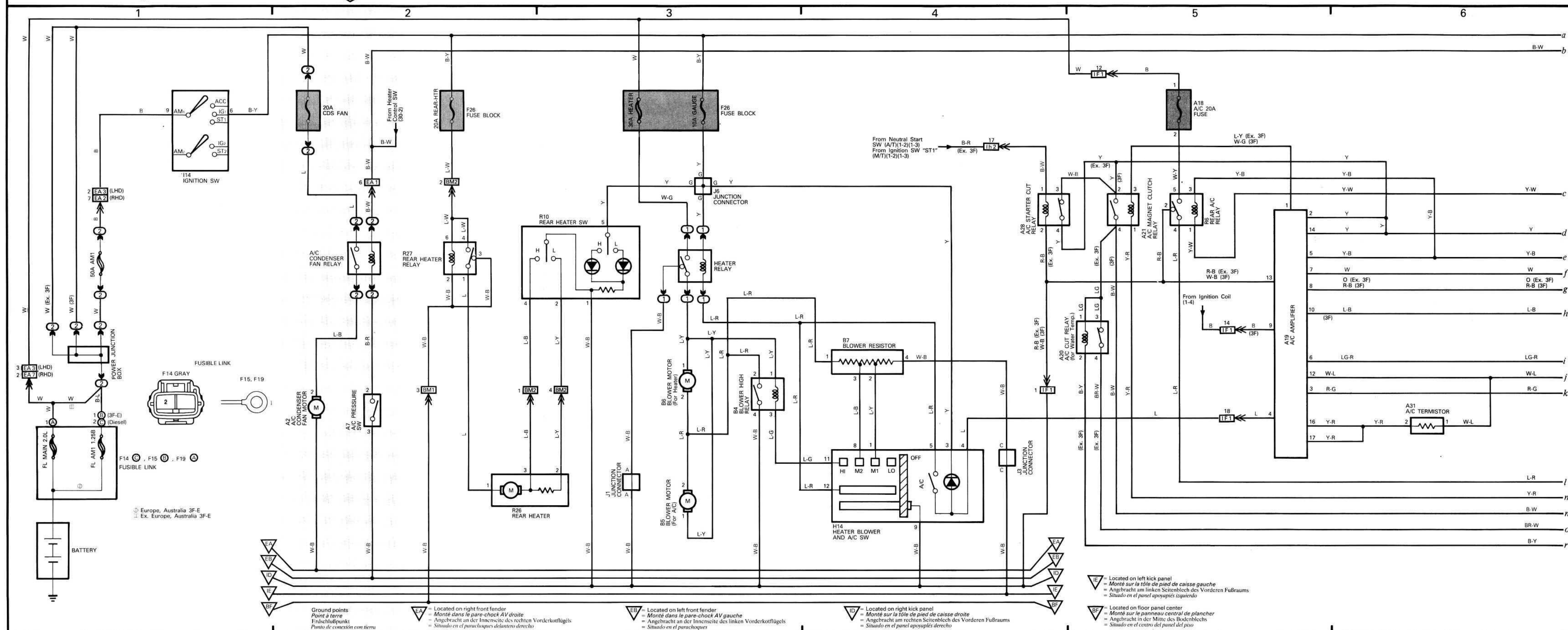
Power Source



Condenser Fan



Air Conditioner, Cooler and Heater (Manual Dual Type)



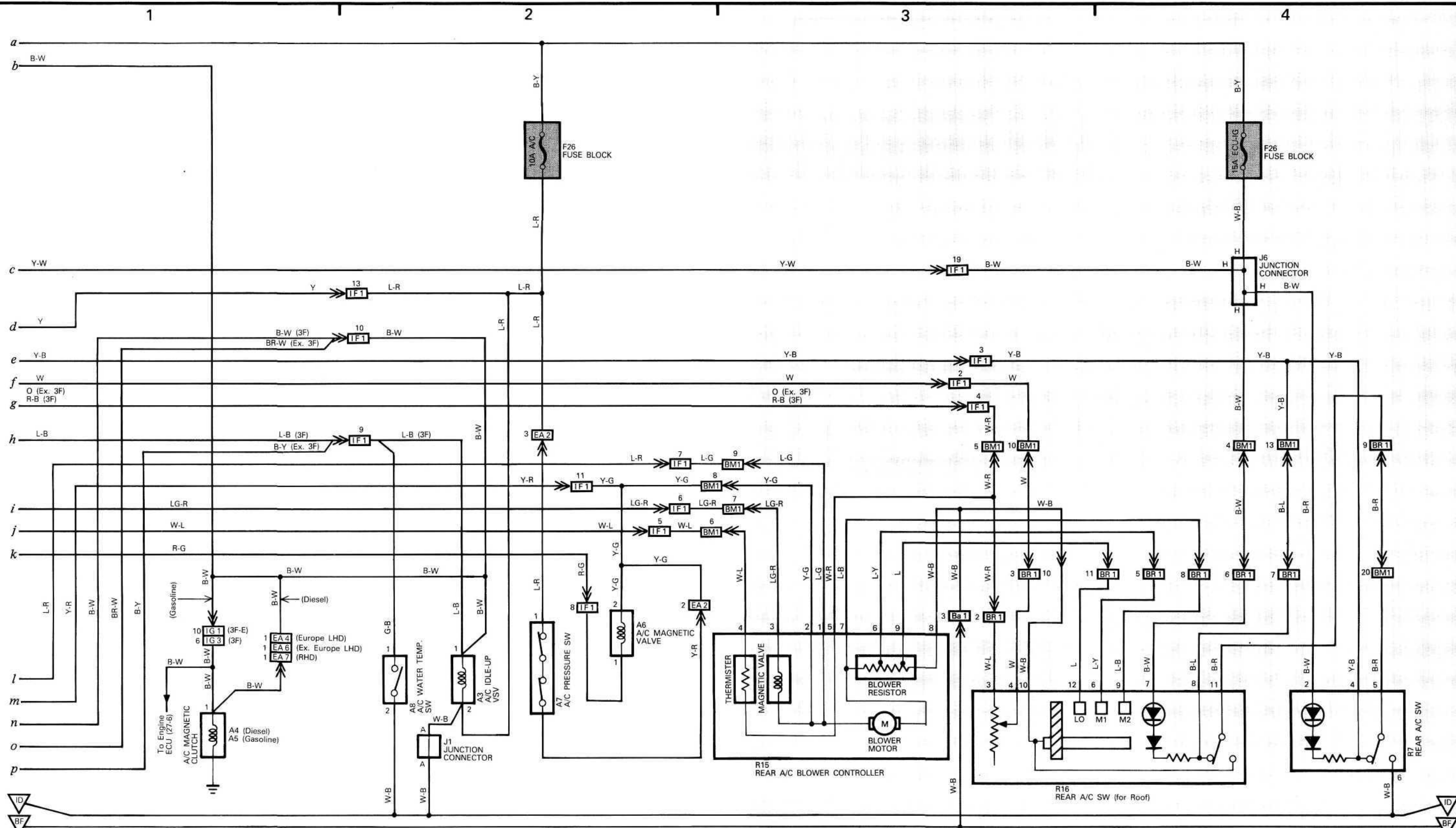




Air Conditioner, Cooler and Heater (Manual Dual Type)



Rear Air Conditioner (Manual)



Ground points  
Point à terre  
Erdschlußpunkt  
Punto de conexión con tierra

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

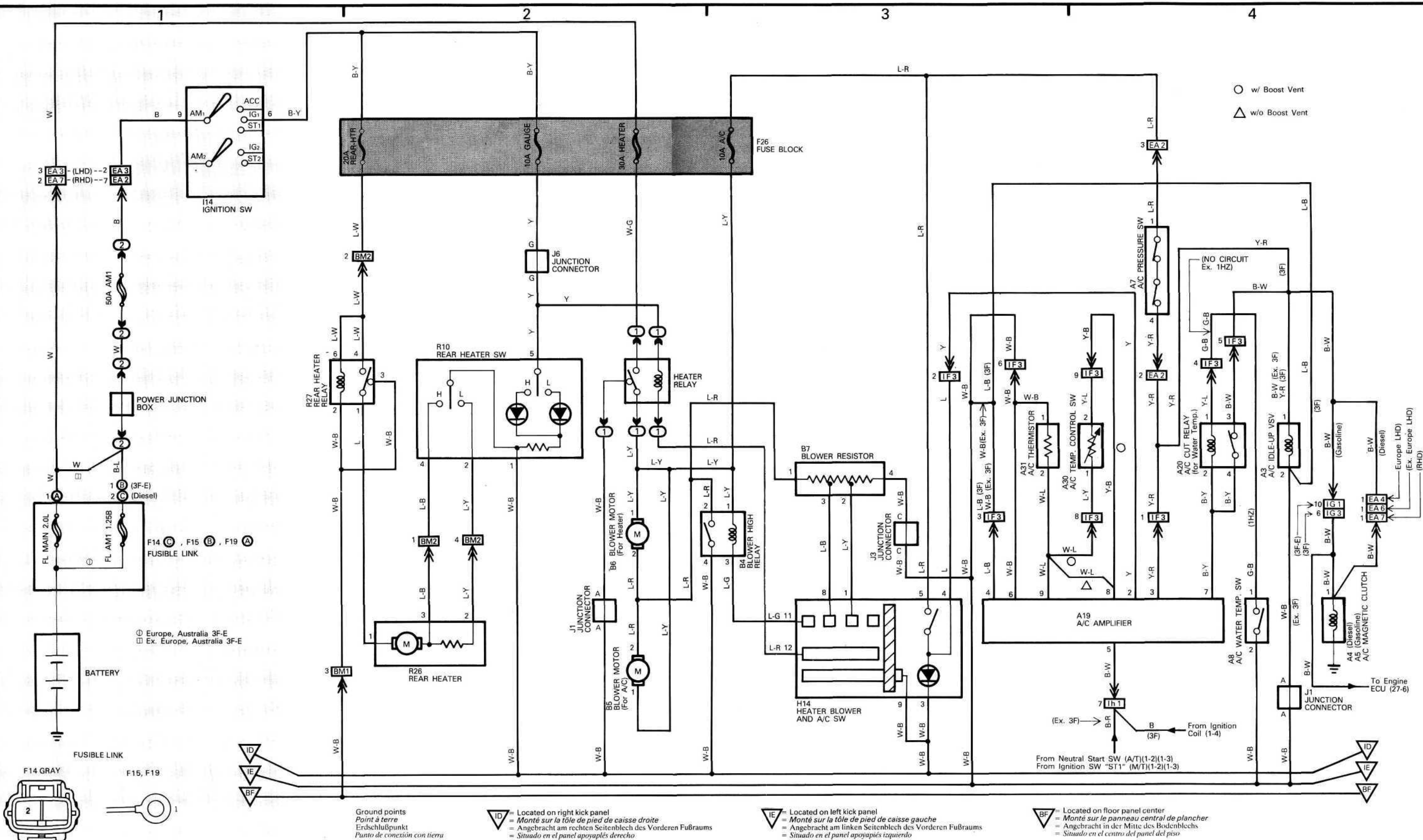
BF = Located on floor panel center  
= Monté sur le panneau central de plancher  
= Angebracht in der Mitte des Bodenblechs  
= Situado en el centro del panel del piso



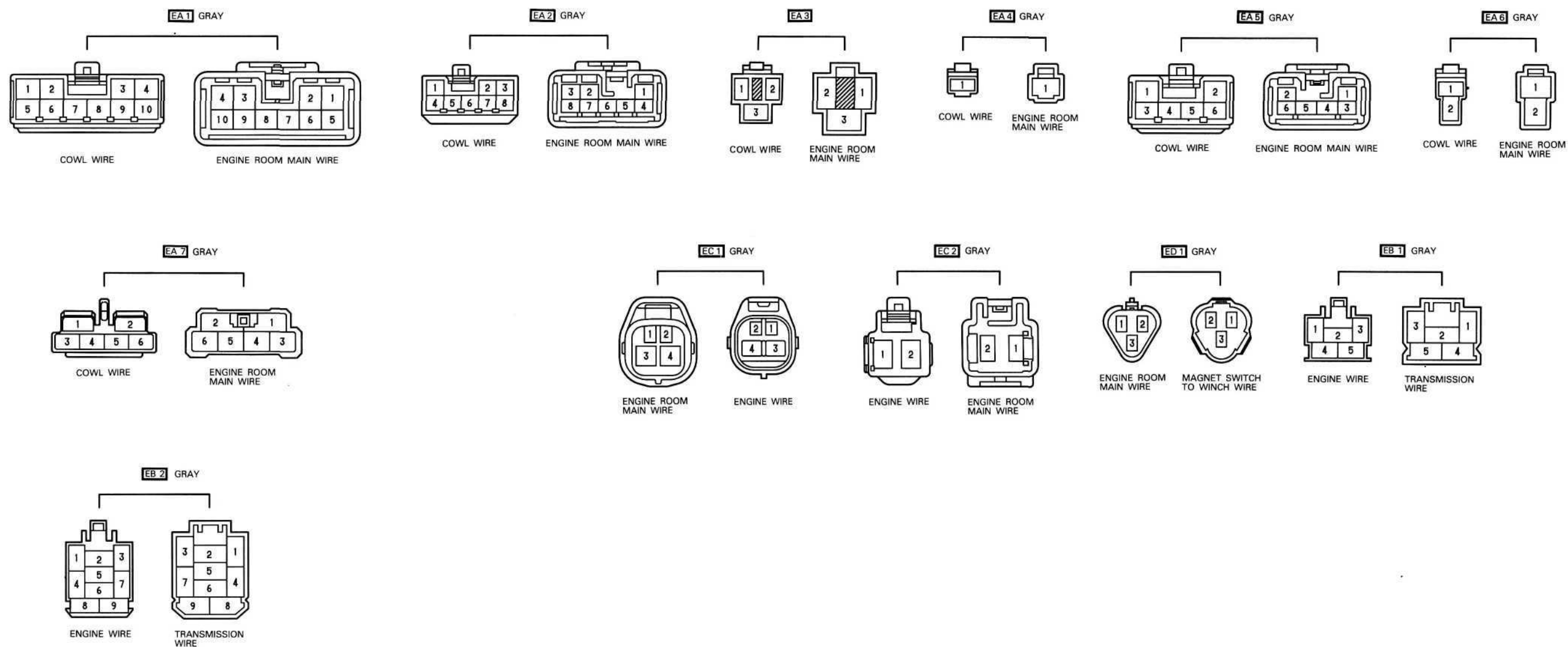
Power Source



Air Conditioner, Cooler and Heater (Manual Single Type)

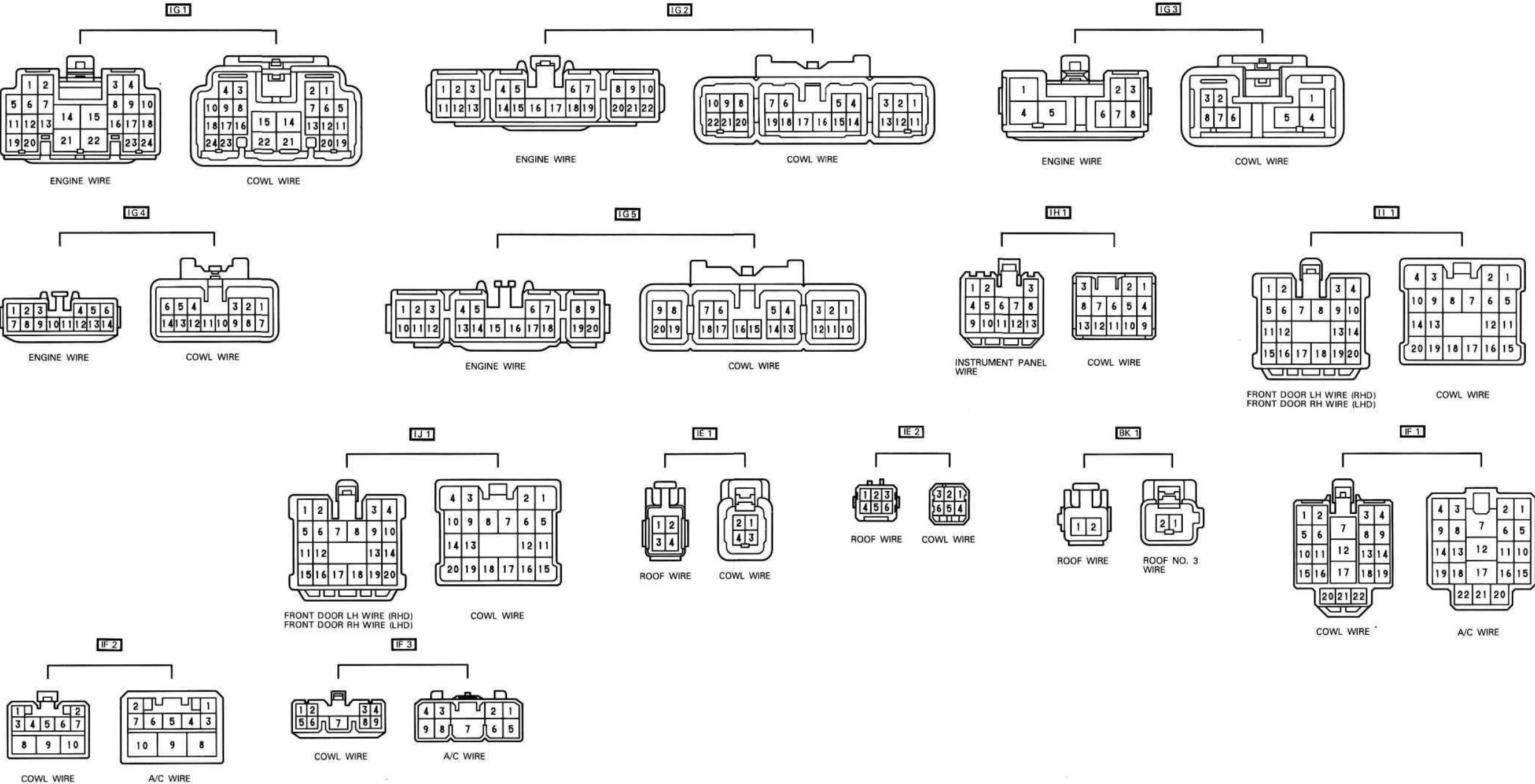


Connector Joining Wire Harness and Wire Harness (E Group : Engine Compartment area)



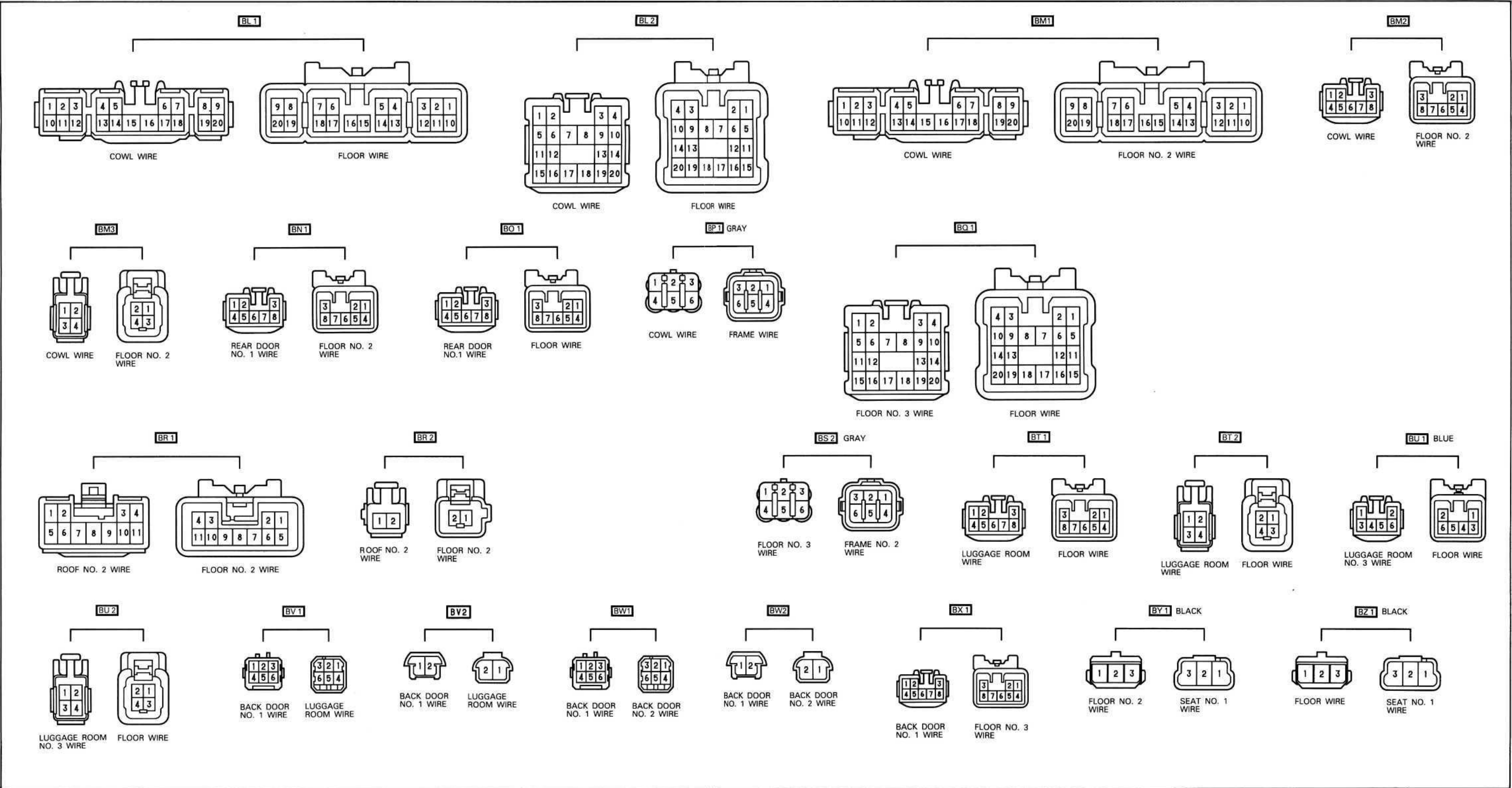


Connector Joining Wire Harness and Wire Harness (I Group : Instrument Panel and Surrounding Area)



1 2 3 4

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



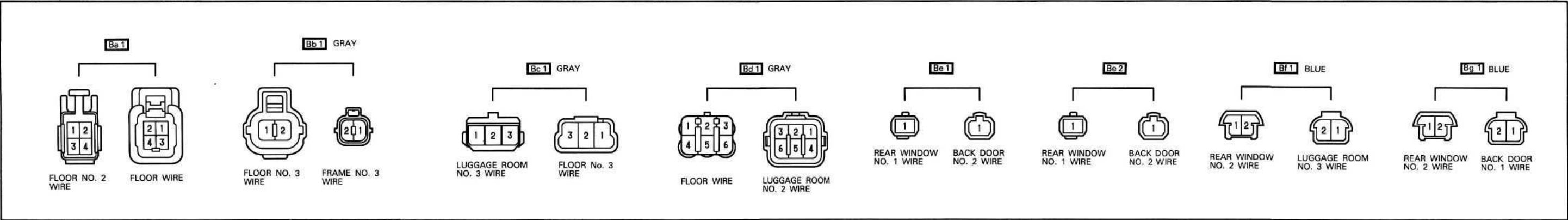
1

2

3

4

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



JUNCTION CONNECTOR

