BODY, CAB, AND ACCESSORIES

Wiring System

(RHD model)

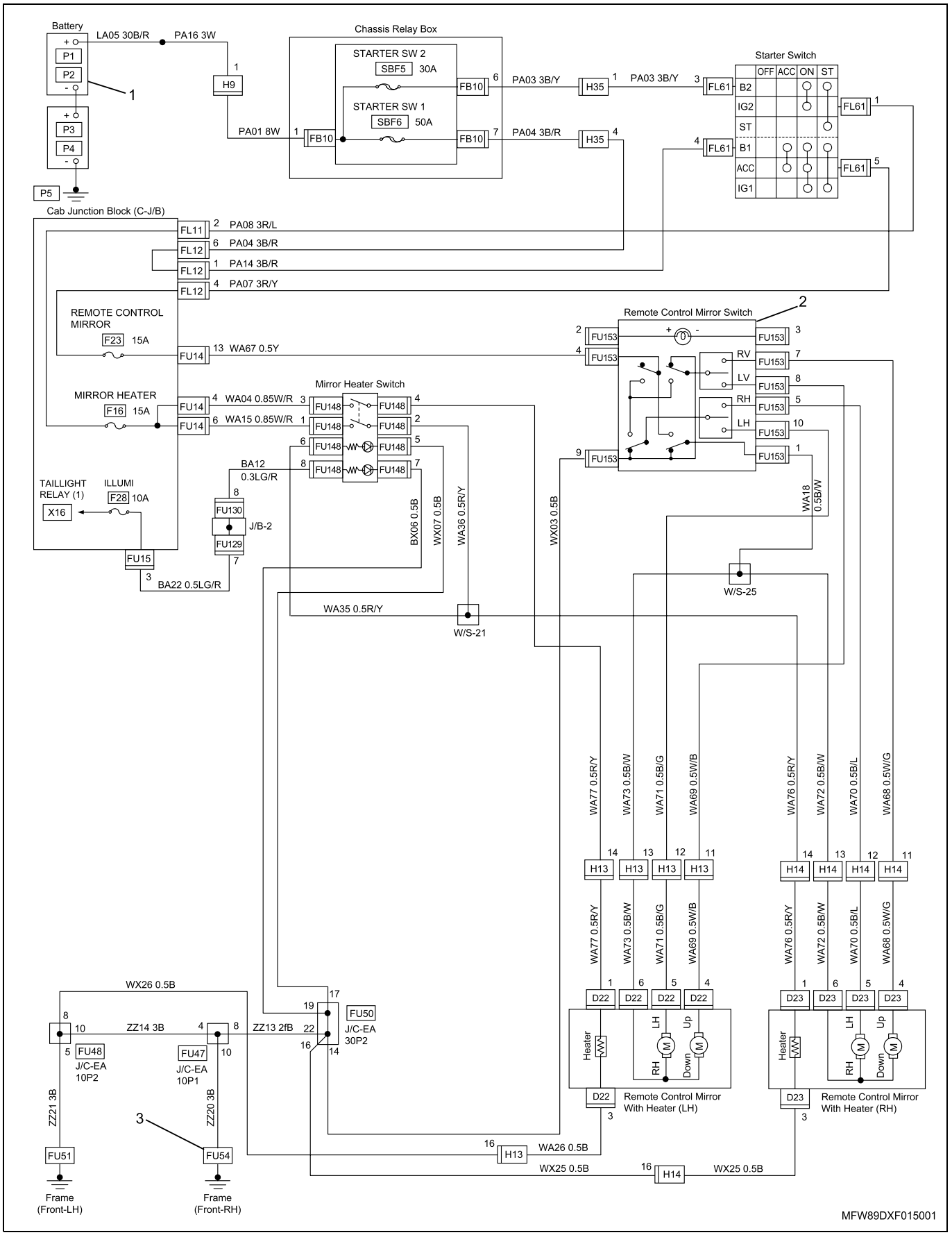
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Tractor 9D-230
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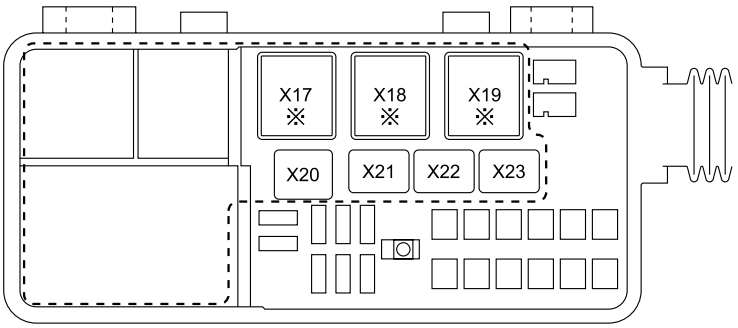
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Connector List 9D-295
Connector List 9D-295

CIRCUIT DIAGRAM

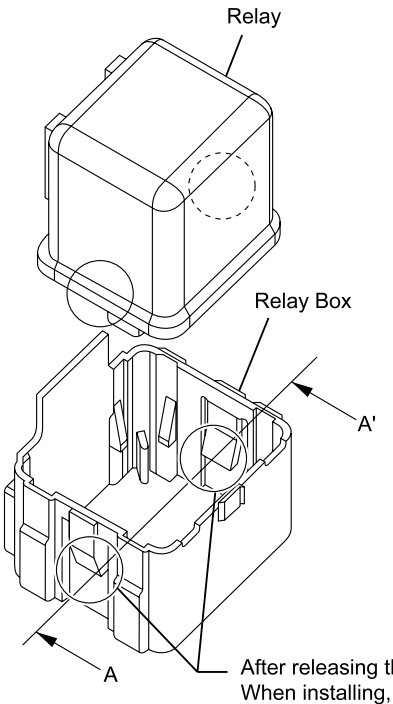
The circuit diagram shows the power supply (1) the load or loads (2) and the grounding point(s) (3).

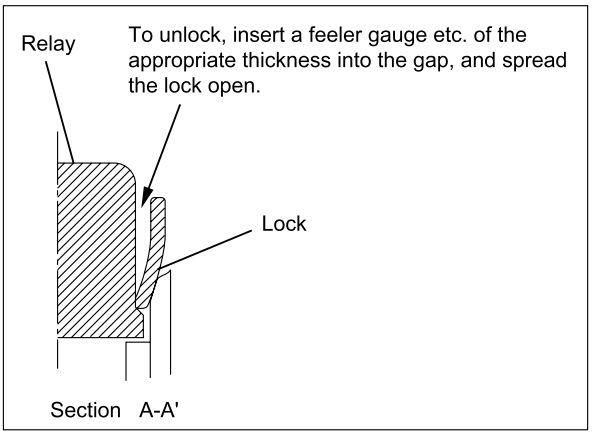


Relay Exchange method



When detaching the ※ marked relays, carry out work in accordance with the below procedures.



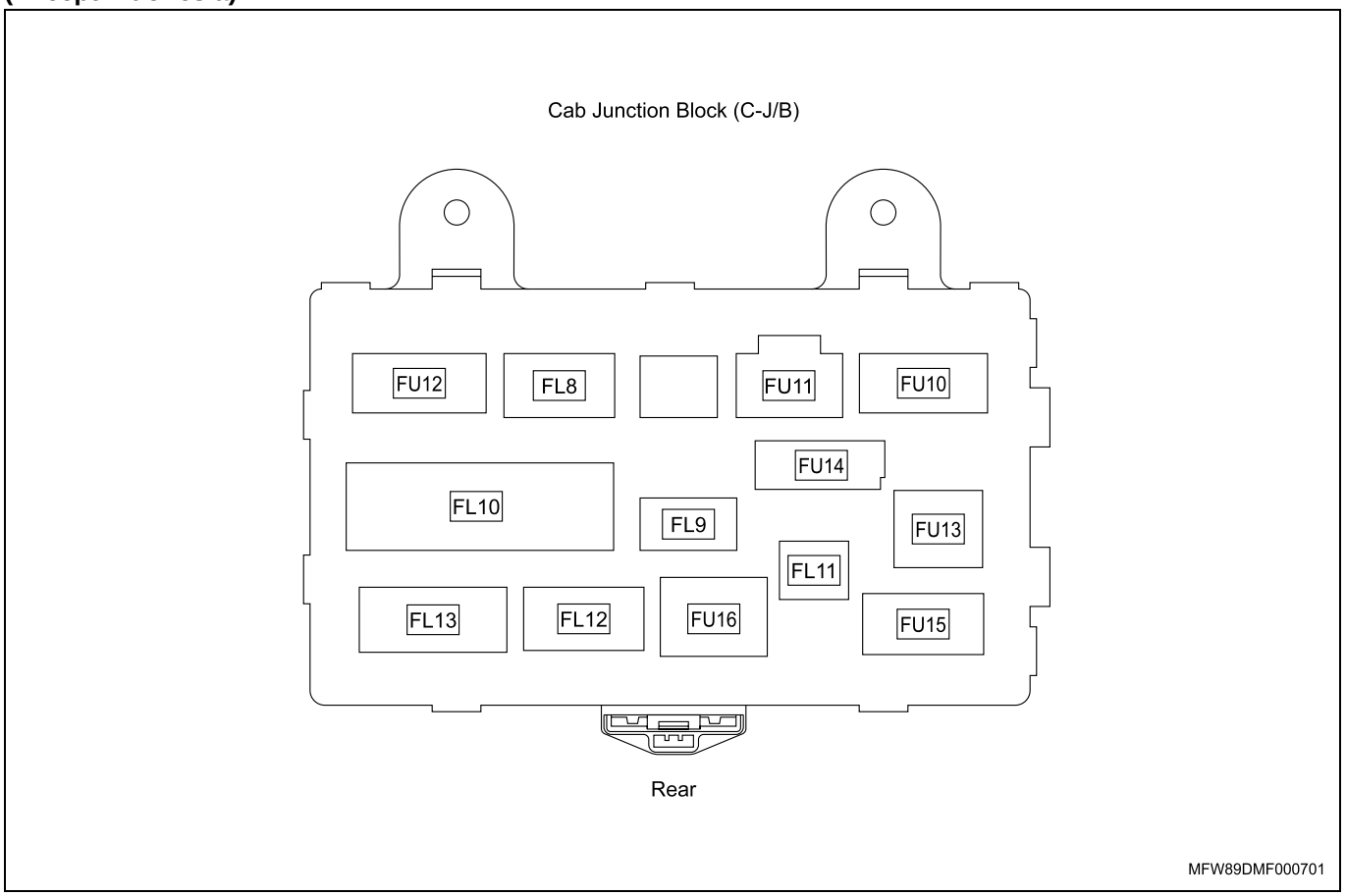


After releasing the locks in the 2 places marked with circles, remove the relay.
When installing, insert until a clicking noise is heard from the lock.

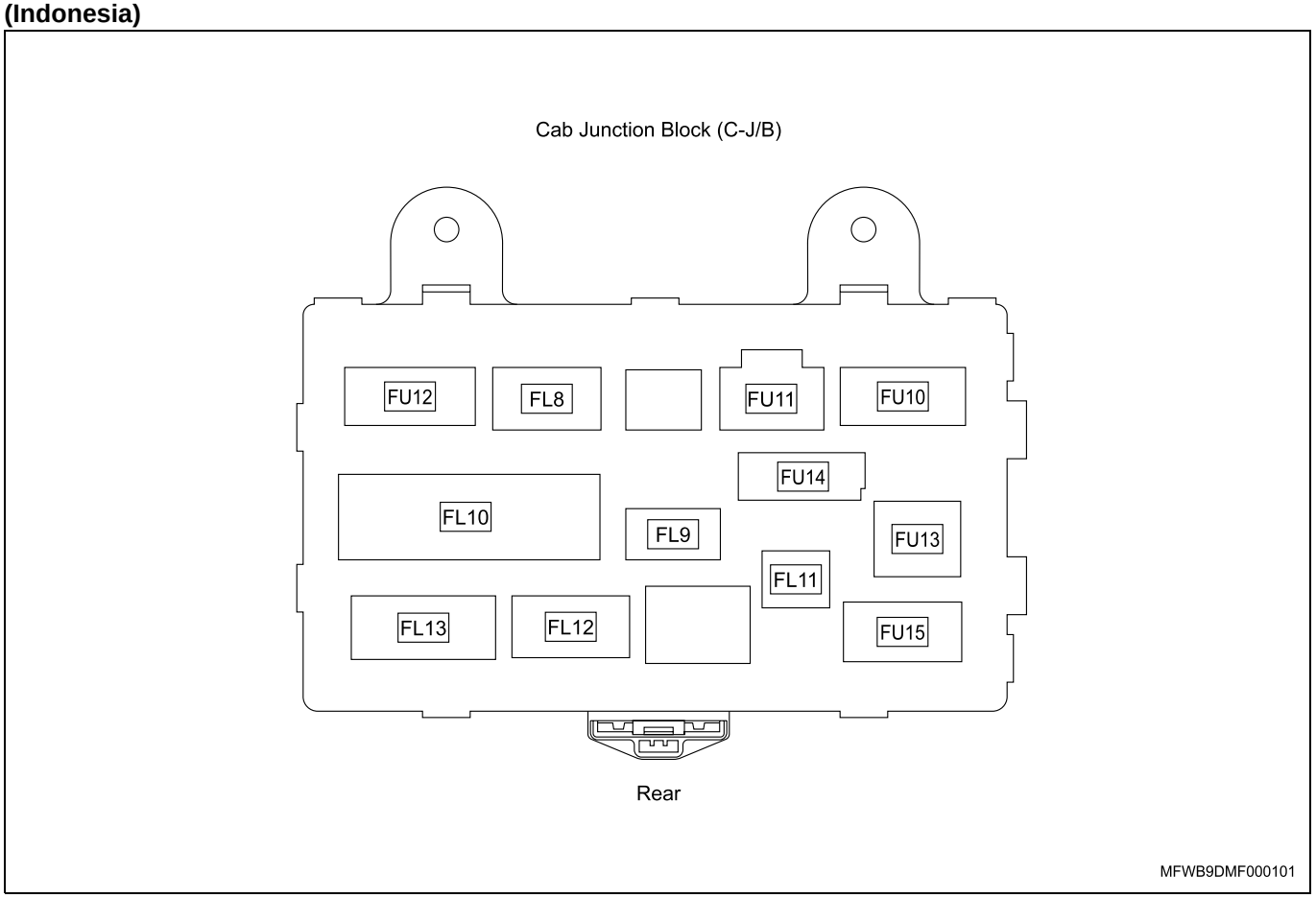
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Cab Junction Block Connector Location

(Except Indonesia)

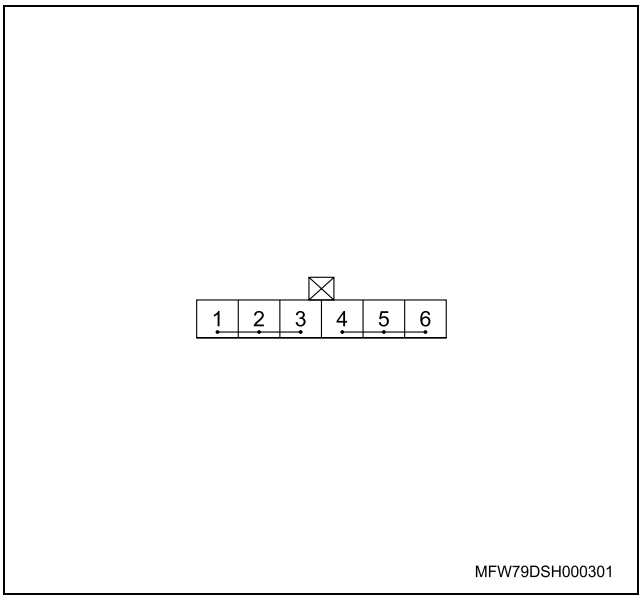


(Indonesia)



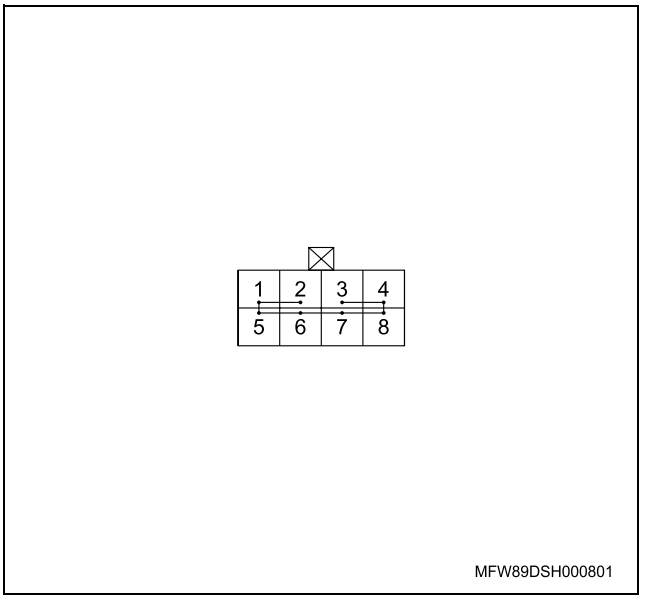
PIN No.	Connection
2	Shield
3	Shield
4	—
5	—
6	—

J138 J/C-R6P2



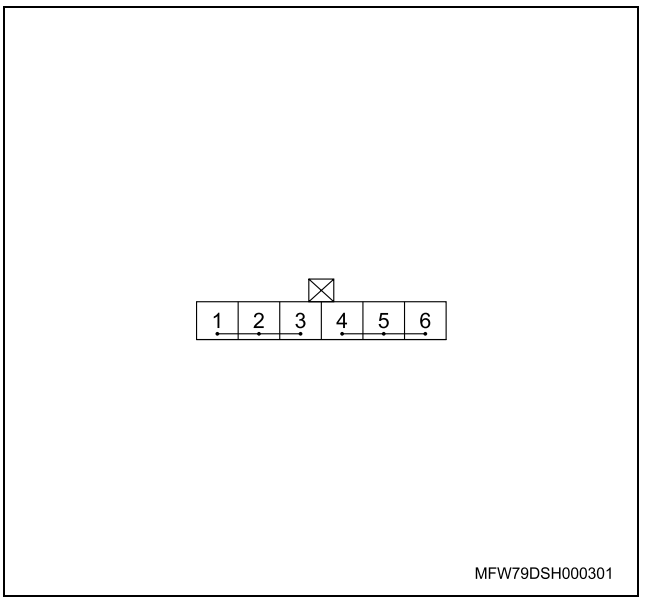
PIN No.	Connection
1	J/C-30P1 (19)
2	Rear Combination Light (LH)
3	Rear Combination Light (RH)
4	Backup Light (LH)
5	Backup Light (RH)
6	J/C-30P1 (14)

J195 J/C-8P3



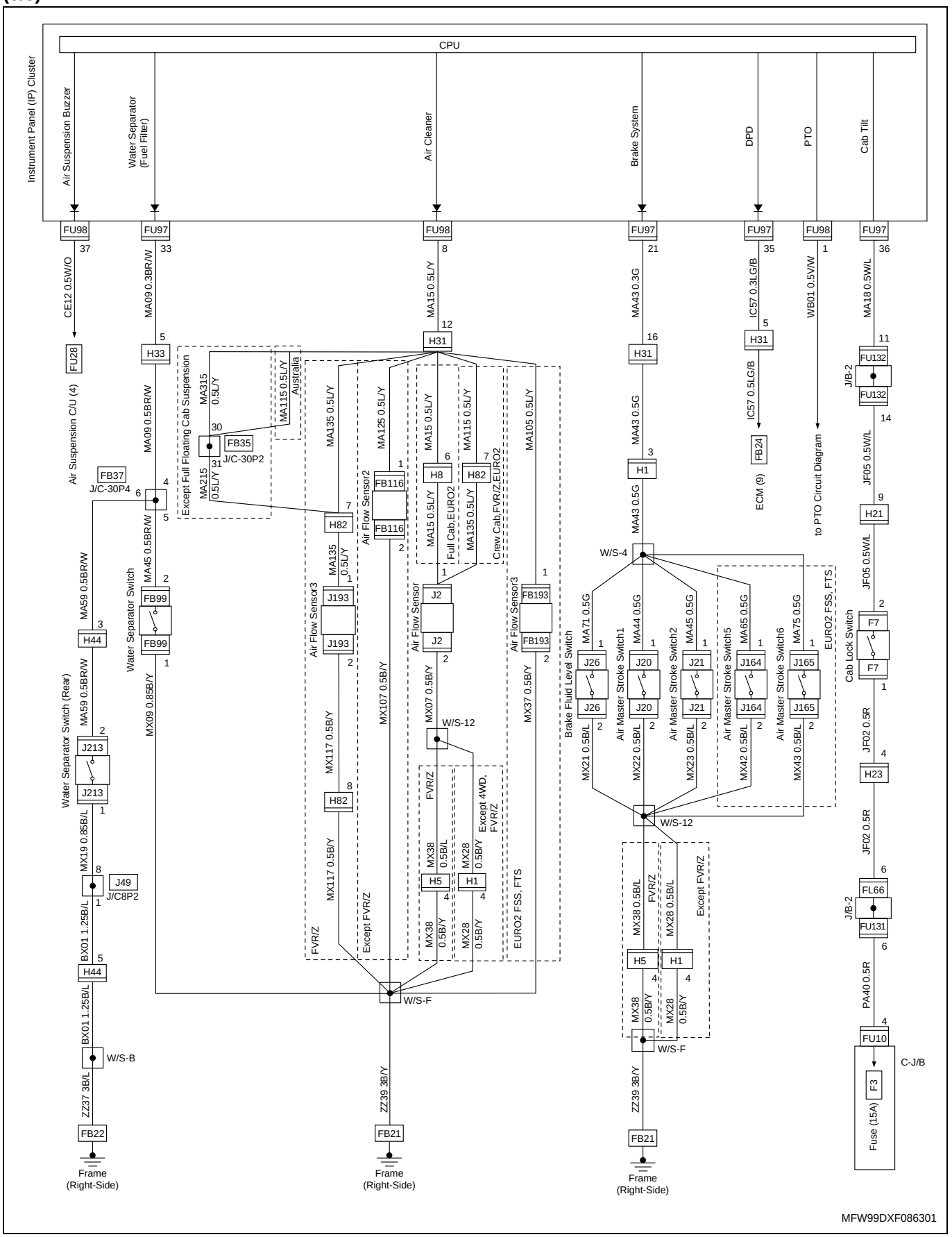
PIN No.	Connection
1	J/C-30P4 (14)
2	Rear Combination Light (LH)
3	Rear Combination Light (RH)
4	License Plate Light
5	—
6	—
7	Tail Spare (RH)
8	Tail Spare (LH)

J211 J/C-PT6P1

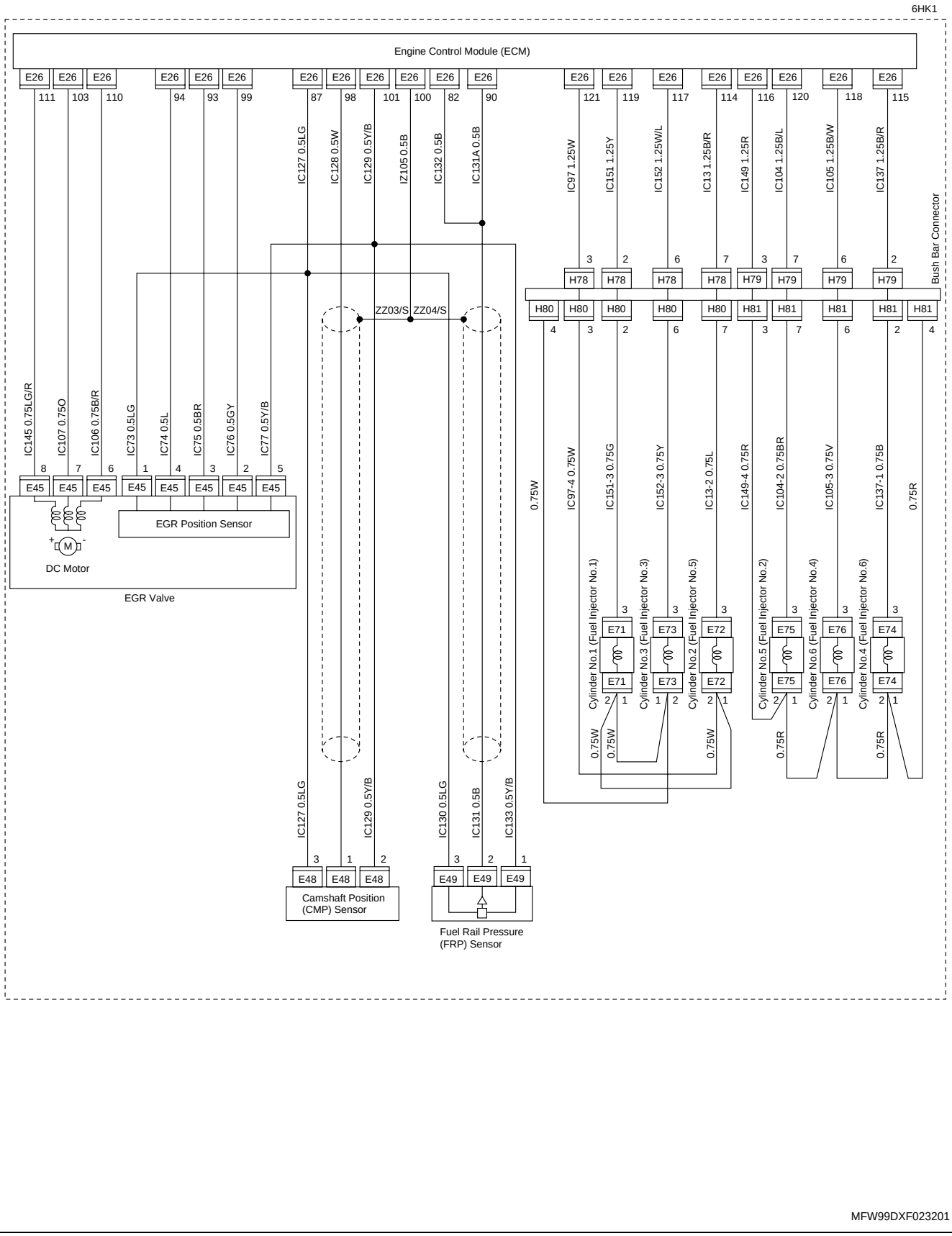


PIN No.	Connection
1	Cab Power Tilt Buzzer

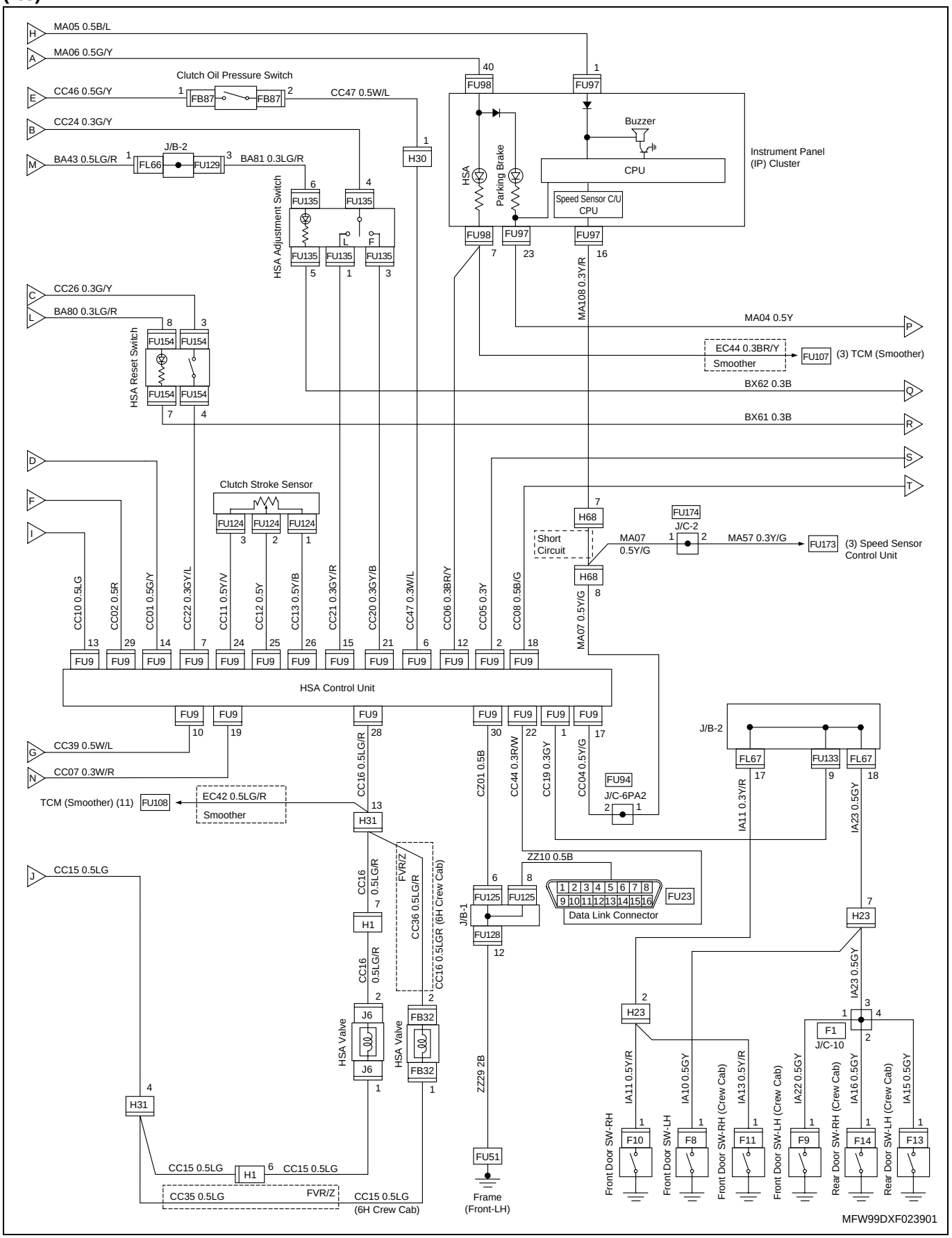
(5/8)


CPU
Instrument Panel (IP) Cluster
Air Suspension Buzzer
Water Separator (Fuel Filter)
Air Cleaner
Brake System
DPD
PTO
Cab Tilt
FU98
FU97
CE12 0.5W/O
MA09 0.3BR/W
MA15 0.5L/Y
MA43 0.3G
IC57 0.3LG/B
WB01 0.5V/W
MA18 0.5W/L
FU28
H33
H31
FU132
Air Suspension C/U (4)
MA09 0.5BR/W
MA315 0.5L/Y
MA115 0.5L/Y
Australia
Except Full Floating Cab Suspension
FB35
J/C-30P2
FB37
J/C-30P4
MA215 0.5L/Y
MA135 0.5L/Y
MA125 0.5L/Y
MA105 0.5L/Y
MA43 0.5G
IC57 0.5LG/B
FB24
ECM (9)
to PTO Circuit Diagram
JF05 0.5W/L
H21
JF05 0.5W/L
F7
Cab Lock Switch
JF02 0.5R
H23
JF02 0.5R
FL66
FU131
PA40 0.5R
FU10
C-J/B
Fuse (15A)
F3
MA45 0.5BR/W
MA59 0.5BR/W
FB99
Water Separator Switch
H44
Water Separator Switch (Rear)
J213
MX09 0.85B/Y
MX19 0.85B/L
J49
J/C8P2
BX01 1.25B/L
W/S-B
ZZ37 3B/L
FB22
Frame (Right-Side)
MA135 0.5L/Y
H82
Air Flow Sensor2
FB116
Air Flow Sensor3
J193
Air Flow Sensor
J2
FB193
MX117 0.5B/Y
MX107 0.5B/Y
MX07 0.5B/Y
MX37 0.5B/Y
W/S-12
FVR/Z
Except FVR/Z
Except 4WD, FVR/Z
MX38 0.5B/L
MX28 0.5B/Y
H5
H1
W/S-F
ZZ39 3B/Y
FB21
Frame (Right-Side)
H8
Full Cab,EURO2
Crew Cab,FVR/Z,EURO2
EURO2 FSS, FTS
W/S-4
Brake Fluid Level Switch
Air Master Stroke Switch1
Air Master Stroke Switch2
Air Master Stroke Switch5
Air Master Stroke Switch6
MA71 0.5G
MA44 0.5G
MA45 0.5G
MA65 0.5G
MA75 0.5G
J26
J20
J21
J164
J165
MX21 0.5B/L
MX22 0.5B/L
MX23 0.5B/L
MX42 0.5B/L
MX43 0.5B/L
Except FVR/Z
MFW99DXF086301

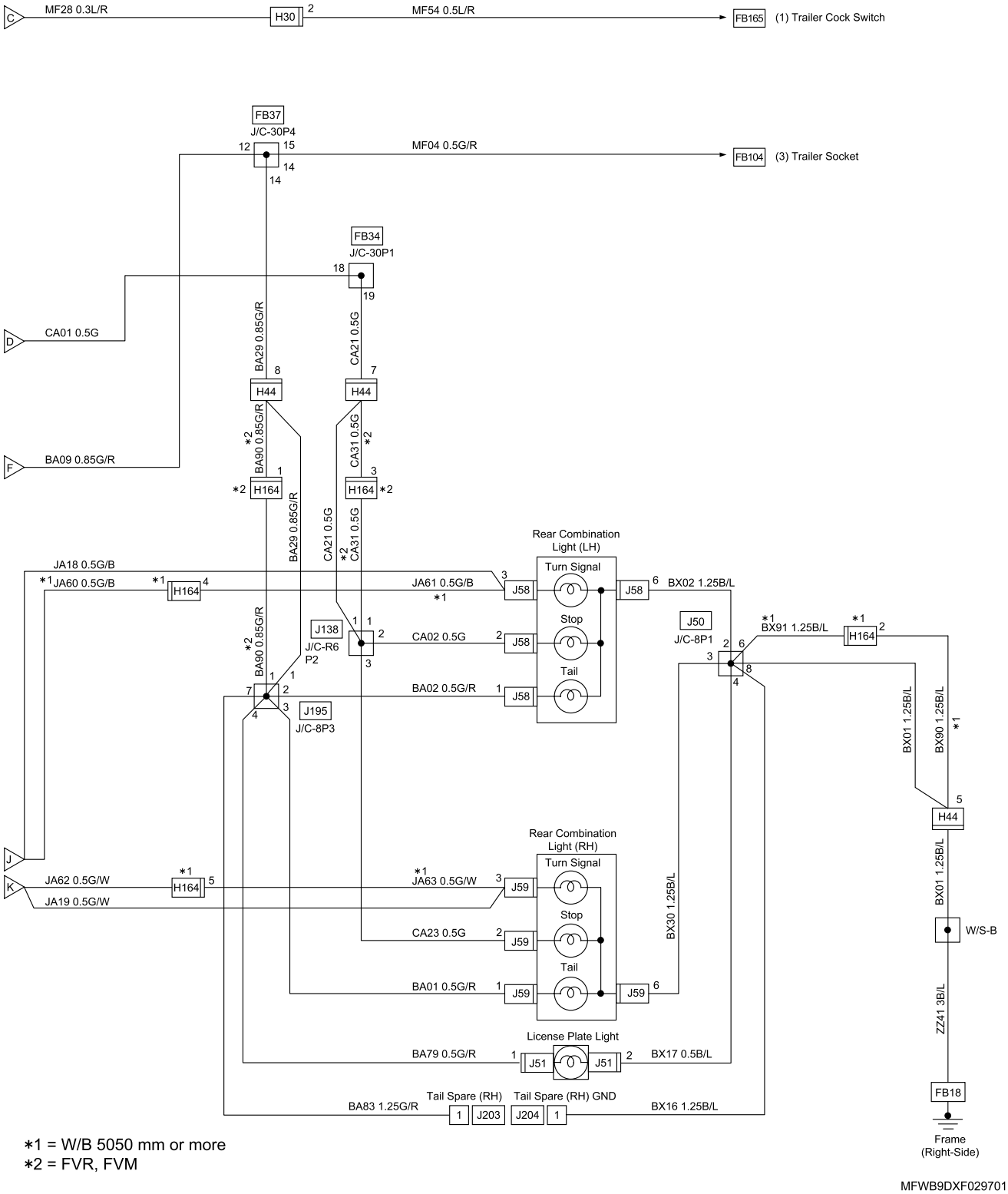
(12/13)


6HK1
Engine Control Module (ECM)
Bush Bar Connector
EGR Position Sensor
DC Motor
EGR Valve
Camshaft Position (CMP) Sensor
Fuel Rail Pressure (FRP) Sensor
ZZ03/S
ZZ04/S
Cylinder No.1 (Fuel Injector No.1)
Cylinder No.3 (Fuel Injector No.3)
Cylinder No.2 (Fuel Injector No.5)
Cylinder No.5 (Fuel Injector No.2)
Cylinder No.6 (Fuel Injector No.4)
Cylinder No.4 (Fuel Injector No.6)
MFW99DXF023201

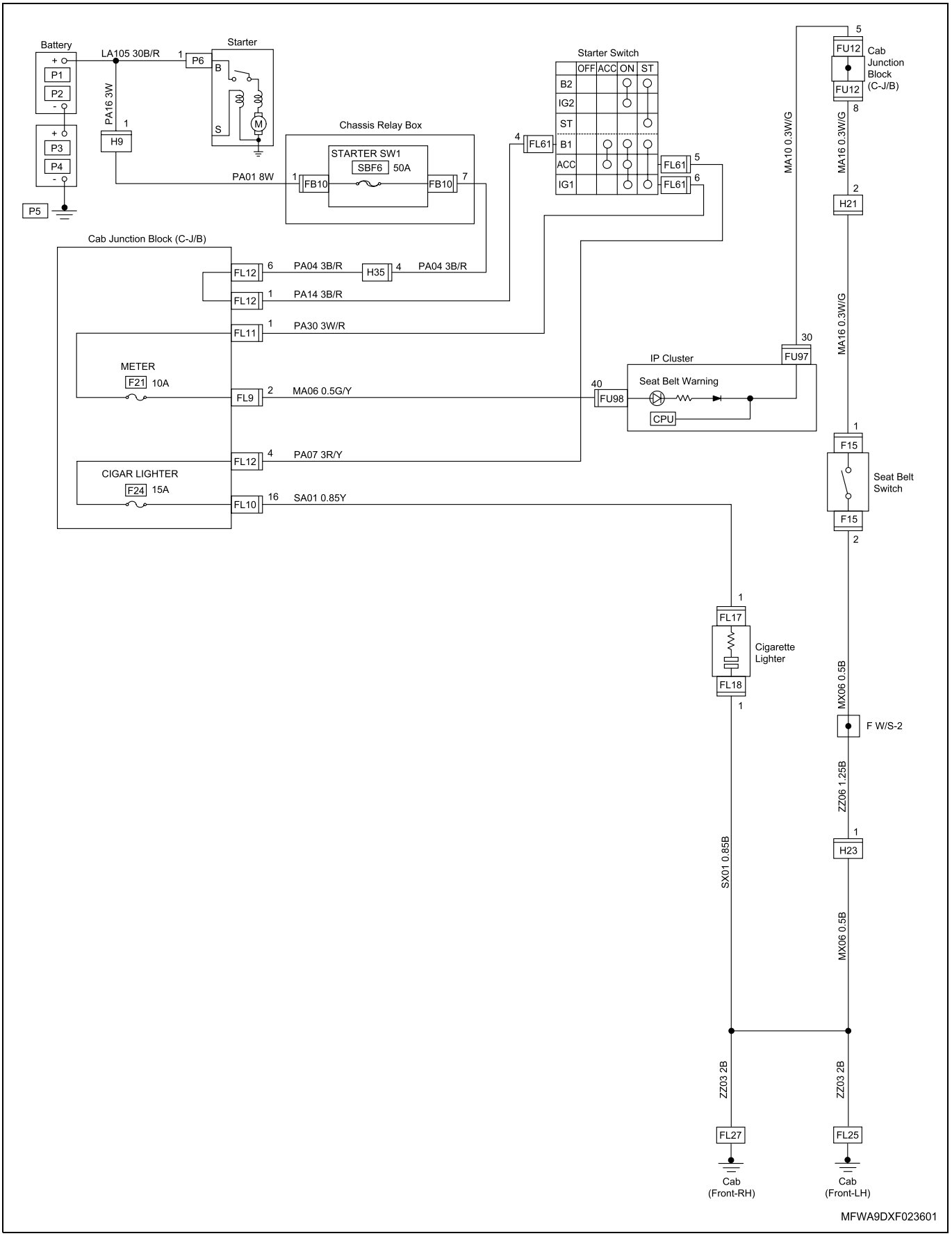
(2/3)


MA05 0.5B/L
MA06 0.5G/Y
Clutch Oil Pressure Switch
CC46 0.5G/Y
CC47 0.5W/L
CC24 0.3G/Y
J/B-2
BA43 0.5LG/R
BA81 0.3LG/R
HSA Adjustment Switch
CC26 0.3G/Y
BA80 0.3LG/R
HSA Reset Switch
Clutch Stroke Sensor
Buzzer
CPU
Instrument Panel (IP) Cluster
HSA
Parking Brake
Speed Sensor C/U
MA108 0.3Y/R
MA04 0.5Y
EC44 0.3BR/Y
Smoother
(3) TCM (Smoother)
BX62 0.3B
BX61 0.3B
Short Circuit
MA07 0.5Y/G
MA57 0.3Y/G
(3) Speed Sensor Control Unit
HSA Control Unit
CC10 0.5LG
CC02 0.5R
CC01 0.5G/Y
CC22 0.3GY/L
CC11 0.5Y/V
CC12 0.5Y
CC13 0.5Y/B
CC21 0.3GY/R
CC20 0.3GY/B
CC47 0.3W/L
CC06 0.3BR/Y
CC05 0.3Y
CC08 0.5B/G
CC39 0.5W/L
CC07 0.3W/R
TCM (Smoother) (11)
EC42 0.5LG/R
CC16 0.5LG/R
CC15 0.5LG
HSA Valve
FVR/Z
CC36 0.5LG/R
CC16 0.5LGR (6H Crew Cab)
CZ01 0.5B
CC44 0.3R/W
CC19 0.3GY
CC04 0.5Y/G
ZZ10 0.5B
Data Link Connector
ZZ29 2B
Frame (Front-LH)
IA11 0.3Y/R
IA23 0.5GY
IA10 0.5GY
IA13 0.5Y/R
IA22 0.5GY
IA16 0.5GY
IA15 0.5GY
Front Door SW-RH
Front Door SW-LH
Front Door SW-RH (Crew Cab)
Front Door SW-LH (Crew Cab)
Rear Door SW-RH (Crew Cab)
Rear Door SW-LH (Crew Cab)
CC35 0.5LG
CC15 0.5LG (6H Crew Cab)
MFW99DXF023901

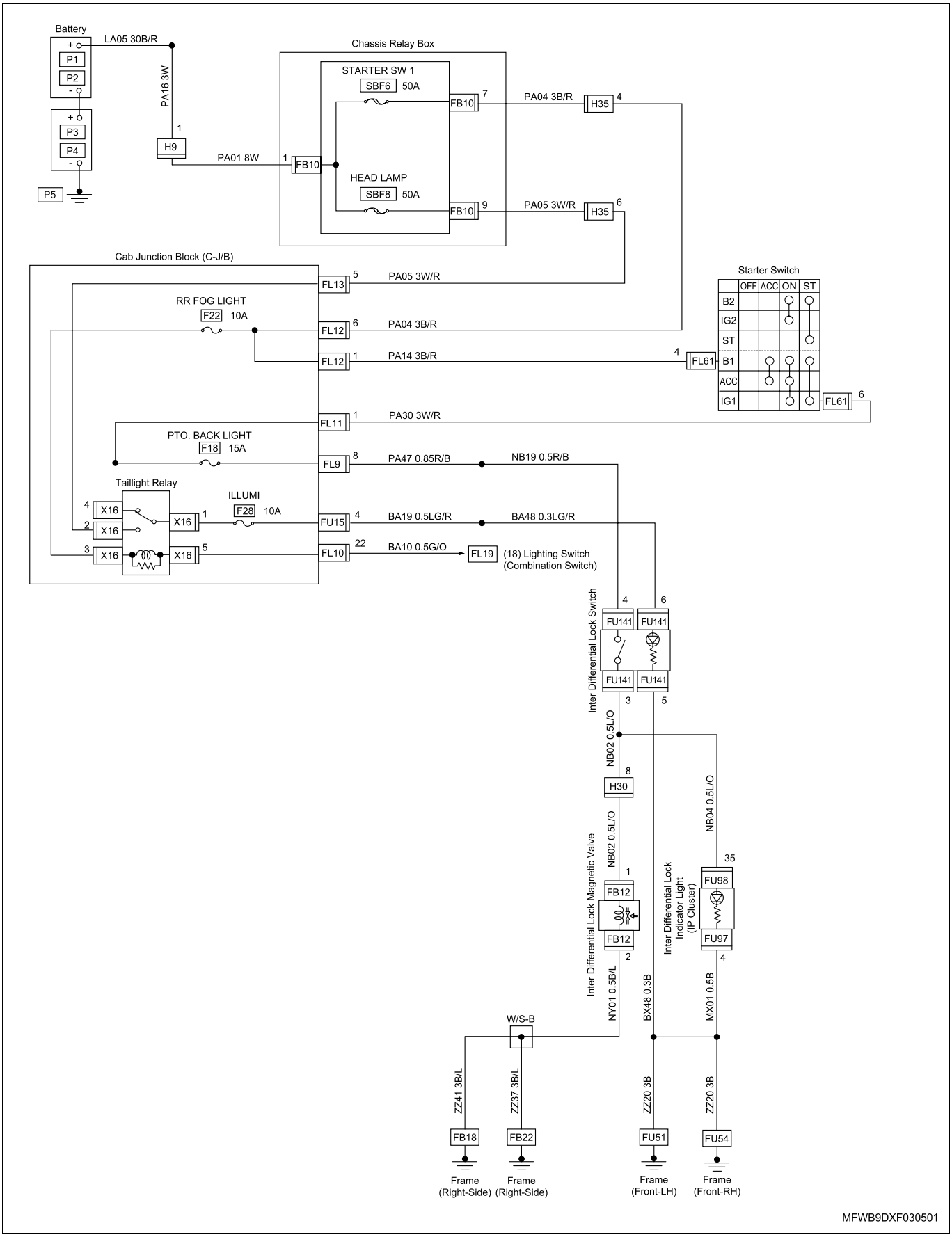
(4/4)


MF28 0.3L/R
H30
2
MF54 0.5L/R
FB165
(1) Trailer Cock Switch
FB37
J/C-30P4
12
15
14
14
MF04 0.5G/R
FB104
(3) Trailer Socket
FB34
J/C-30P1
18
19
CA01 0.5G
BA29 0.85G/R
CA21 0.5G
8
7
H44
H44
BA90 0.85G/R
CA31 0.5G
*2
BA09 0.85G/R
1
3
H164 *2
H164 *2
BA29 0.85G/R
CA21 0.5G
CA31 0.5G
*2
Rear Combination Light (LH)
Turn Signal
Stop
Tail
JA18 0.5G/B
*1 JA60 0.5G/B
*1
H164
4
JA61 0.5G/B
*1
3
J58
J58
6
BX02 1.25B/L
J138
J/C-R6
P2
1
1
2
3
CA02 0.5G
2
J58
J50
J/C-8P1
*1 BX91 1.25B/L
*1
H164
2
2
6
3
8
4
BA90 0.85G/R
*2
1
1
7
2
3
4
J195
J/C-8P3
BA02 0.5G/R
1
J58
BX01 1.25B/L
BX90 1.25B/L
*1
5
H44
Rear Combination Light (RH)
Turn Signal
Stop
Tail
J
K
JA62 0.5G/W
JA19 0.5G/W
*1
H164
5
*1
JA63 0.5G/W
3
J59
BX30 1.25B/L
CA23 0.5G
2
J59
BA01 0.5G/R
1
J59
J59
6
BX01 1.25B/L
W/S-B
ZZ41 3B/L
License Plate Light
BA79 0.5G/R
1
J51
J51
2
BX17 0.5B/L
FB18
Frame
(Right-Side)
Tail Spare (RH)
Tail Spare (RH) GND
BA83 1.25G/R
1
J203
J204
1
BX16 1.25B/L
*1 = W/B 5050 mm or more
*2 = FVR, FVM
MFWB9DXF029701

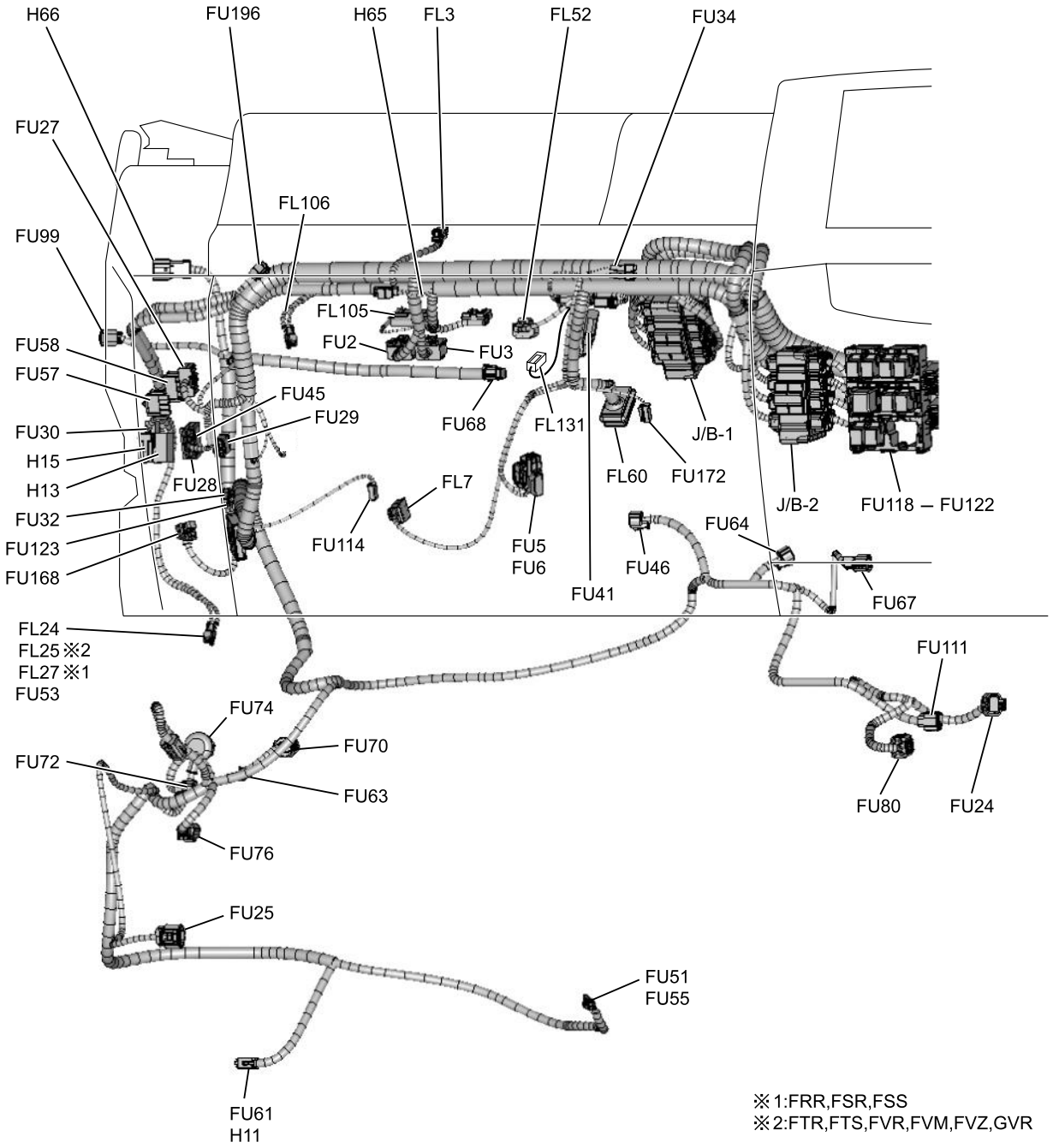
Indonesia


Battery
P1
P2
P3
P4
P5
LA105 30B/R
PA16 3W
H9
Starter
P6
B
S
M
PA01 8W
Chassis Relay Box
STARTER SW1
SBF6 50A
FB10
FB10
Starter Switch
OFF ACC ON ST
B2
IG2
ST
B1
ACC
IG1
FL61
FL61
FL61
Cab Junction Block (C-J/B)
FL12
PA04 3B/R
H35
PA04 3B/R
FL12
PA14 3B/R
FL11
PA30 3W/R
METER
F21 10A
FL9
MA06 0.5G/Y
CIGAR LIGHTER
F24 15A
FL12
PA07 3R/Y
FL10
SA01 0.85Y
IP Cluster
FU97
Seat Belt Warning
FU98
CPU
MA10 0.3W/G
FU12
Cab Junction Block (C-J/B)
FU12
MA16 0.3W/G
H21
MA16 0.3W/G
F15
Seat Belt Switch
F15
FL17
Cigarette Lighter
FL18
MX06 0.5B
F W/S-2
ZZ06 1.25B
H23
MX06 0.5B
SX01 0.85B
ZZ03 2B
ZZ03 2B
FL27
FL25
Cab (Front-RH)
Cab (Front-LH)
MFWA9DXF023601

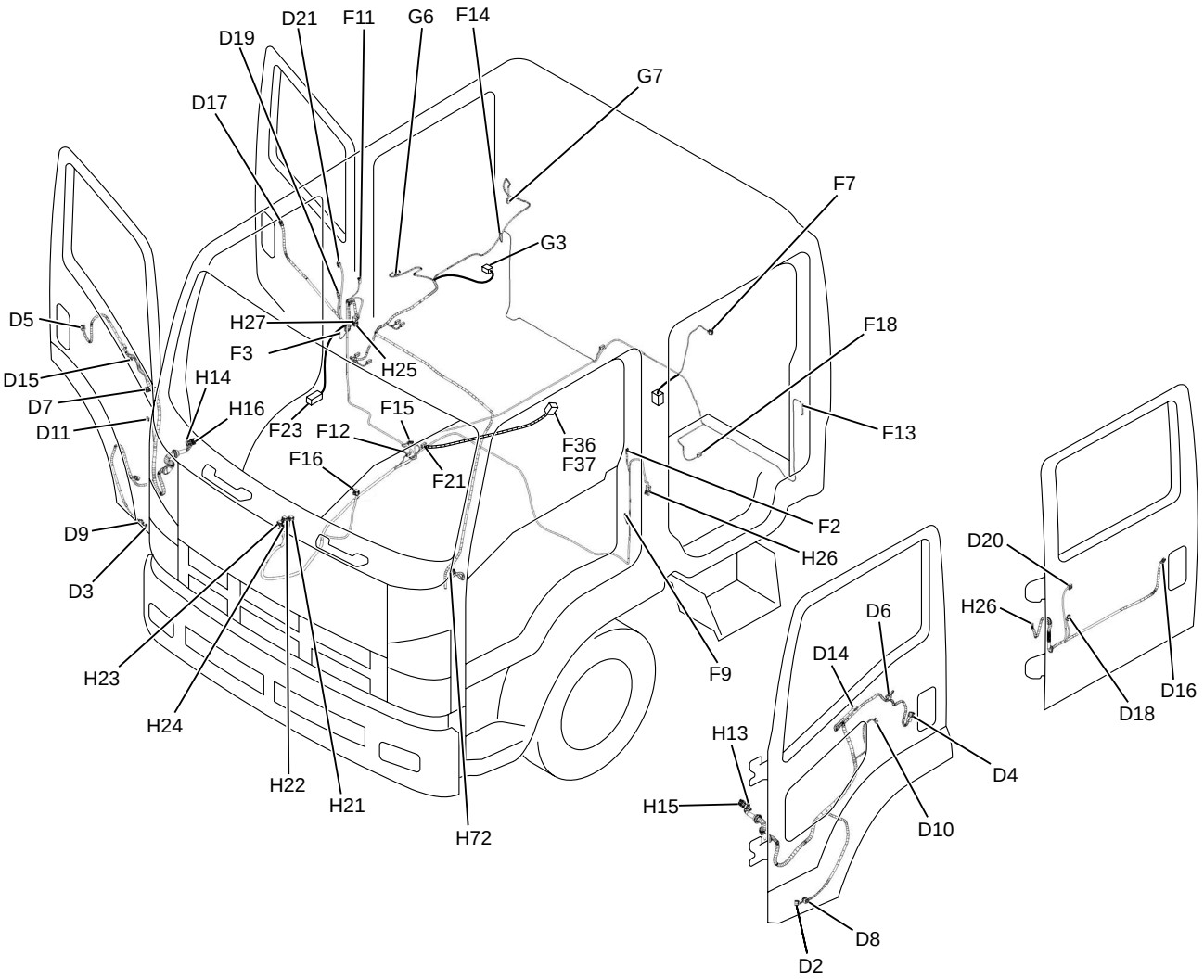
Indonesia


Battery
LA05 30B/R
P1
P2
P3
P4
P5
PA16 3W
H9
PA01 8W
Chassis Relay Box
STARTER SW 1
SBF6 50A
HEAD LAMP
SBF8 50A
FB10
PA04 3B/R
H35
PA05 3W/R
Cab Junction Block (C-J/B)
FL13
FL12
FL11
FL9
FU15
FL10
RR FOG LIGHT
F22 10A
PTO. BACK LIGHT
F18 15A
Taillight Relay
ILLUMI
F28 10A
X16
PA14 3B/R
PA30 3W/R
PA47 0.85R/B
NB19 0.5R/B
BA19 0.5LG/R
BA48 0.3LG/R
BA10 0.5G/O
FL19
(18) Lighting Switch
(Combination Switch)
Starter Switch
OFF ACC ON ST
B2
IG2
ST
B1
ACC
IG1
FL61
Inter Differential Lock Switch
FU141
NB02 0.5L/O
H30
NB04 0.5L/O
Inter Differential Lock Magnetic Valve
FB12
NY01 0.5B/L
BX48 0.3B
MX01 0.5B
Inter Differential Lock Indicator Light (IP Cluster)
FU98
FU97
W/S-B
ZZ41 3B/L
ZZ37 3B/L
ZZ20 3B
FB18
FB22
FU51
FU54
Frame (Right-Side)
Frame (Right-Side)
Frame (Front-LH)
Frame (Front-RH)
MFWB9DXF030501

Body Harness (2/2)



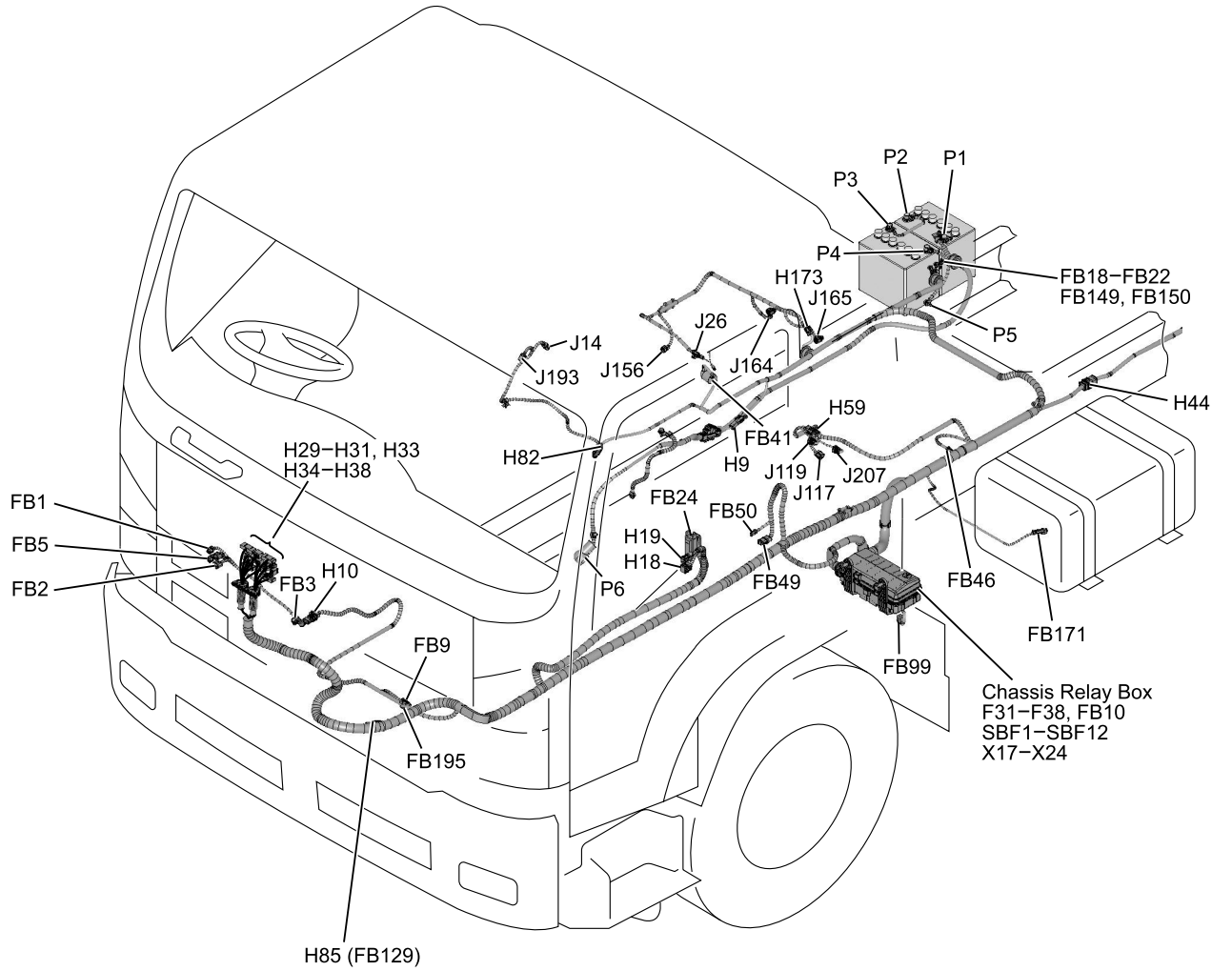
Door,Roof,Bumper,Floor Harness (Crew Cab)



Legend

D2	Cornering Light (LH) (Door Installation)
D3	Cornering Light (RH) (Door Installation)
D4	Door Lock Actuator Front (LH)
D5	Door Lock Switch & Actuator Front (RH)
D6	Front Power Window Motor (LH)
D7	Front Power Window Motor (RH)
D8	Side Turn Signal Light (LH) (Door Installation)
D9	Side Turn Signal Light (RH) (Door Installation)
D10	Speaker (LH)
D11	Speaker (RH)
D14	Front Power Window Switch (LH)
D15	Front Power Window Switch (RH)
D16	Door Lock Actuator Rear (LH)
D17	Door Lock Actuator Rear (RH)
D18	Rear Power Window Motor (LH)
D19	Rear Power Window Motor (RH)
D20	Rear Power Window Switch (LH)
D21	Rear Power Window Switch (RH)
F2	Passenger Pretensioner
F3	Driver Pretensioner
F7	Cab Lock Switch
F9	Front Door Switch (LH)
F11	Front Door Switch (RH)
F12	Parking Brake Switch
F13	Rear Door Switch (LH)
F14	Rear Door Switch (RH)
F15	Seat Belt Switch
F16	Shift Lever Switch
F18	Stay Lock Switch
F21	Wheel Parking Brake Switch (Except Trailer)
F23	Remote Control (Internal)
F36	Remote Control Door Mirror Switch
F37	Remote Control Under Mirror Switch

Frame Front Harness (FVR)



Legend

F31	POWER SOURCE Fuse	FB22	Frame (Right-Side) GND
F32	—	FB24	Engine Control Module (ECM)
F33	ECM MAIN Fuse	FB41	Exhaust Brake Magnetic Valve
F34	—	FB46	PTO Magnetic Valve
F35	—	FB49	Starter Relay (6HK1)
F36	—	FB50	Starter Relay (6HK1)
F37	AIR CONDITIONER Fuse	FB99	Water Separator Switch
F38	—	FB129	All Speed Accel Sensor
FB1	Air Pressure Sensor 1	FB149	Frame (Right-Side) GND
FB2	Air Pressure Sensor 2	FB150	Frame (Right-Side) GND
FB3	J/C-RH6P1	FB171	Fuel Tank Unit (LH)
FB5	Stoplight Switch 2	FB195	Terminator
FB9	J/C-CAN 6P2	H9	Joint between Harnesses Connector
FB10	Chassis Relay Box	H10	Joint between Harnesses Connector
FB18	Frame (Right-Side) GND	H18	Joint between Harnesses Connector
FB19	Frame (Right-Side) GND	H19	Joint between Harnesses Connector
FB20	Frame (Right-Side) GND	H29	Joint between Harnesses Connector
FB21	Frame (Right-Side) GND	H30	Joint between Harnesses Connector