



# 2011 F&G SERIES

# **WORKSHOP MANUAL**

# **WIRING DIAGRAM**

(RHD model)



This Workshop Manual deals only with the screen toned section(s) in the table below.

	Section		Sub Section
0	GENERAL INFORMATION	0A	General Information
1	ENGINE	1A	Engine Control System
		1B	Engine Mechanical
		1C	Engine Cooling
		1D	Engine Fuel
		1E	Engine Electrical
		1F	Emission Control
		1G	Engine Exhaust
		1H	Engine Lubrication
		11	Engine Speed Control System
		1J	Induction
		1K	Pre-Heating System
		1L	Power Take-Off (PTO)
2	SUSPENSION	2A1	Air Suspension Control System
~	SOSF ENSION	2B	Front Suspension
		2C	Rear Suspension
		2D	Wheel and Tire System
3	DRIVELINE/AXLE	3A1	Front Differential
٥	DRIVELINE/AXLE	3A2	Rear Differential
		3C1	Propeller Shaft
		3C2	Front Axle
		3C3	Rear Axle
	PDA1/50	3D	Transfer Case
4	BRAKES	4A2	Brake Control System (Air Over)
		4A3	Brake Control System (Full Air)
		4B2	Brake (Air Over)
		4B3	Brake (Full Air)
		4C	Anti-Lock Brake (ABS)
		4C1	Anti-Lock Brake (ABS)/Anti-Slip Regulator (ASR)
		4D	Parking Brake
		4E	Hill Start Aid (HSA)
		4F	Speed Retarder System
		4G	Trailer Brake
5	TRANSMISSION/TRANSAXLE	5A	Transmission Control System
		5B	Automatic Transmission
		5C	Manual Transmission
		5E	Clutch
		5G	Power Take-Off (PTO)
		5G1	Side Power Take-Off
6	STEERING	6B	Power Steering
7	HVAC	7A	Heating and Ventilation
		7B	Manual Air Conditioning
		7C	Automatic Air Conditioning
8	RESTRAINTS	8A	Seat Belt
		8B	Supplemental Restraint System (SRS)
		8C	SRS Control System
9	BODY, CAB AND ACCESSORIES	9A	Lighting System
		9B	Wiper/Washer System
		9C	Entertainment
		9D	Wiring System
		9E	Instrumentation/Driver Info.
		9F	Body Structure
		9G	Cab
		9H	Seats
		91	Security and Lock
		9K	Exterior/Interior Trim
		9L	Cab Mounting
10	CONTROL SYSTEMS	10B	Vehicle Control
11	FRAME AND FRAME ACCESSORIES	11A	Frame
	THE STATE AND THE WILL AND COUNTIES	1 177	1141110

# BODY, CAB, AND ACCESSORIES

# Wiring System (RHD model)

# TABLE OF CONTENTS

Electric Equipment	Supplemental Restraint System (SRS)	
Reading the Circuit Diagram 9D-3	Airbag System	9D-166
Parts for Electrical Circuit 9D-8	Circuit Diagram	9D-166
Connector	Headlight(Halogen)	9D-167
Notes for working on Electrical Items 9D-12	Circuit Diagram	9D-167
Fuse, Fusible Link	Headlight (HID)	9D-170
Relay	Circuit Diagram	9D-170
Diode	Headlight Manual Leveling	9D-171
Main Data and Specifications 9D-20	Circuit Diagram	
Fuse, Fusible Link and Slow-Blow Fuse	Fog Light/Clearance Light	
Location	Circuit Diagram	
Power Distribution	Taillight/Stoplight/Cornering Light	
Relay Location	Circuit Diagram	
Relay List	Horn	
Diode Location	Circuit Diagram	
Cab Junction Block Connector Location 9D-34	Backup Light/Back Buzzer	
Connector Box Connector Location 9D-35	Circuit Diagram	
Junction Block Connector Location9D-36	Body Control Module (BCM)	
Joint Connection and Weld Splice Location 9D-37	Circuit Diagram	
Joint Connection Circuit 9D-49	Data Recording Module (DRM)	
Reference Table of Weld Splice 9D-69	Circuit Diagram	
Grounding Point Circuit9D-74	Windshield Wiper and Washer	
Ground Point Location 9D-87	Circuit Diagram	
Cable Harness Routing9D-89	Power Door Lock/Keyless Entry	
Controller Area Network (CAN) 9D-92	Circuit Diagram	
Circuit Diagram	Power Window	
Starter and Charging 9D-96	Circuit Diagram	
Circuit Diagram	Remote Mirror/Mirror Heater	
Instrument Panel (IP) Cluster and Warning 9D-99	Circuit Diagram	
Circuit Diagram	Dome Light/Fluorescent Light	
Data Link Connector (DLC) 9D-114	Circuit Diagram	
Circuit Diagram	Roof-Mounted Clearance Light	
Engine Control Module (ECM) 9D-116	Circuit Diagram	
Circuit Diagram	Audio	
Transmission Control Module (Smoother) 9D-139	Circuit Diagram	
Circuit Diagram	Cigarette Lighter/Seat Belt	
Transmission Control Module (A/T) 9D-146	Circuit Diagram	
Circuit Diagram	Heater and Air Conditioning (Manual)	
ZF Transmission	Circuit Diagram	
Circuit Diagram	Heater and Air Conditioning (Auto)	
Air Suspension Control Unit 9D-155	Circuit Diagram	
Circuit Diagram	Exhaust Brake	
Electronic Hydraulic Control Unit (EHCU) 9D-158	Circuit Diagram	
Circuit Diagram	Cab Power Tilt	
ABS Control Unit	Circuit Diagram	
Circuit Diagram	Differential Lock,Front Drive	
HSA (Hill Start Aid) System 9D-163	Circuit Diagram	
Circuit Diagram	Tractor	
	Circuit Diagram	

## 9D-2 Wiring System (RHD model)

Power Take-Off (PTO)	9D-233
Circuit Diagram	9D-233
Immobilizer Control Unit (ICU)	9D-237
Circuit Diagram	9D-237
Tachograph	9D-238
Circuit Diagram	9D-238
Service Terminal	9D-239
Circuit Diagram	9D-239
Parts Locations	9D-240
Parts Locations	9D-240
Connector List	9D-295
Connector List	9D-295

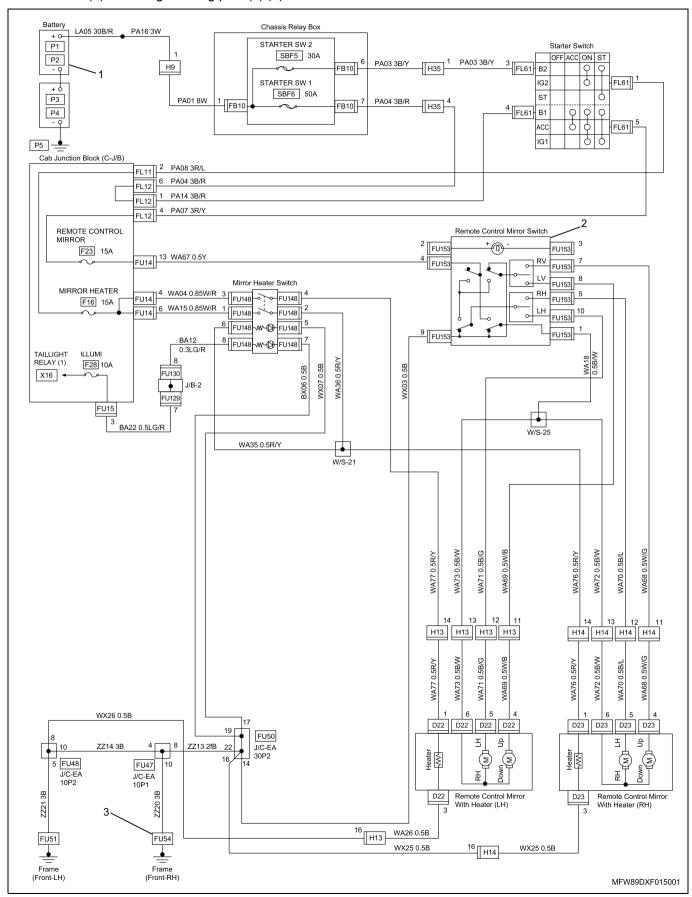
## **Electric Equipment**

## **Reading the Circuit Diagram**

In this manual, each system has its own parts location illustration, circuit diagram and connector configuration used in the circuit diagram.

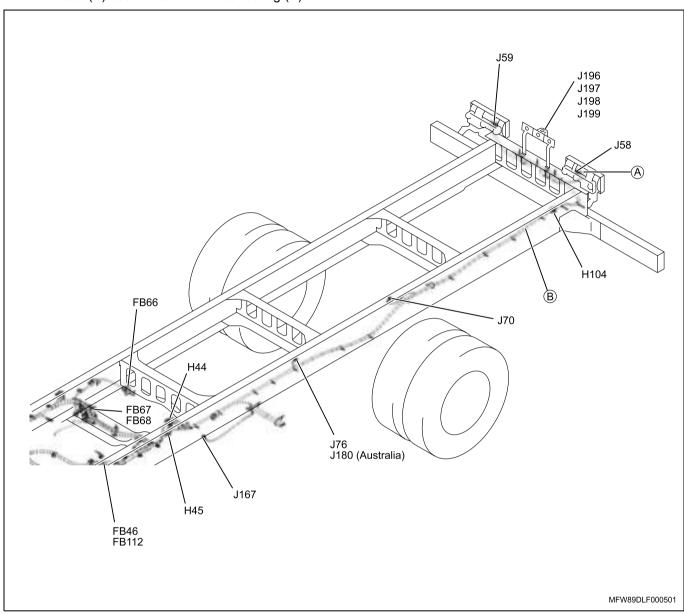
## **CIRCUIT DIAGRAM**

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



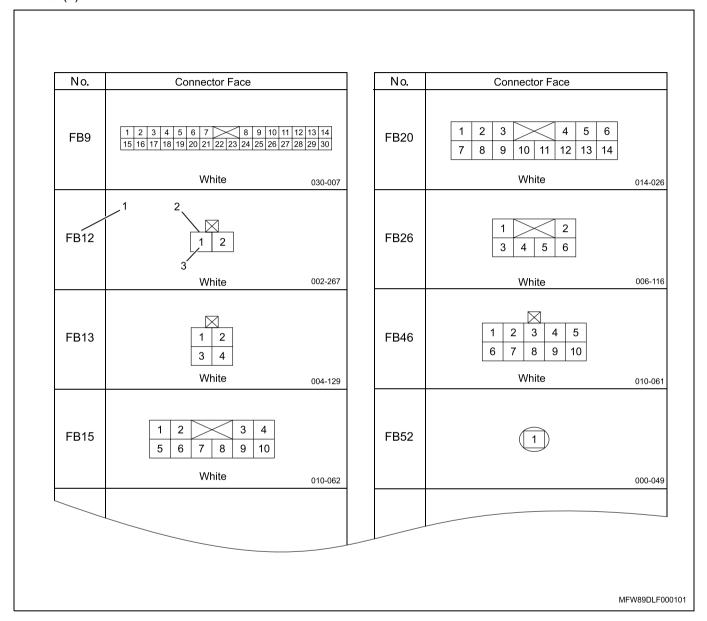
## **PARTS LOCATION**

The parts location shows the location of the parts and the connector (A) used in each harness routing (B).



## **CONNECTOR LIST**

The connector list shows each connectors' identification number (1) configuration (2) and the pin number (3).

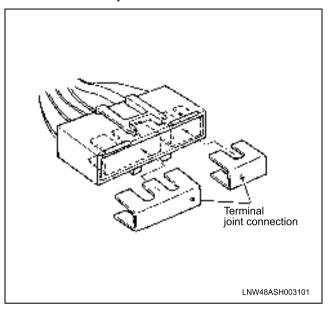


### **CONNECTOR SYMBOL**

Connector Symbol	Harness name	Connector Symbol	Harness name
D	Door Harness	FU	Instrument Upper Harness
Е	Engine Harness , Injector Harness	G	Roof Harness (LH & RH)
F	Floor Harness	Н	For joint between harnesses
FB	Frame Harnesses , Frame Front Harness , Frame Rear Harness	J	Frame Rear Harness, Power Tilt Harness,
FL	Instrument Lower Harness , Headlight Harness , Mirror Harness	-	-

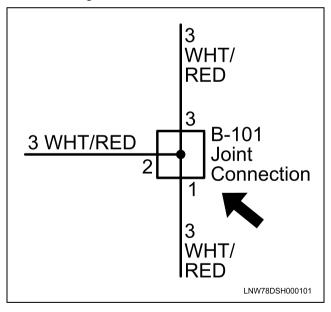
### **JOINT CONNECTION**

This connector has the structure of plural number of terminals collectively connected inside the connector.



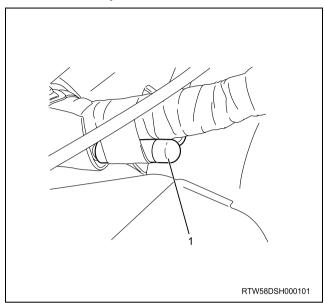
## How to show joint connection in the circuit diagram

1. When joint connection can be shown as actual circuit diagram.



## **WELD SPLICE**

Weld splice is a harness that welds the point of the harness and does joint.

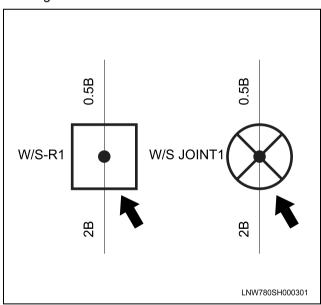


## Legend

1. Weld Splice

## How to show weld splice in the circuit diagram

1. When weld splice can be shown as actual circuit diagram.



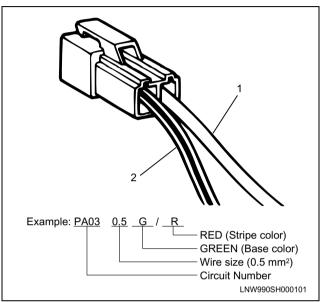
## **Parts for Electrical Circuit**

### **WIRING**

### **Wire Color**

All wires have color-coded insulation.

Wires belonging to a system's main harness will have a single color. Wires belonging to a system's sub-circuits will have a colored stripe. Striped wires use the following code to show wire size and colors.



Abbreviations are used to indicate wire color within a circuit diagram.

Refer to the following table.

## **Wire Color Coding**

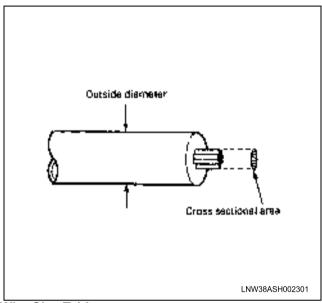
Color coding	Meaning	Color coding	Meaning
В	Black	BR	Brown
W	White	LG	Light green
R	Red	GY	Gray
G	Green	Р	Pink
Y	Yellow	SB	Sky blue
L	Blue	V	Violet
0	Orange		

## **Distinction of Circuit by Wire Base Color**

Base color	Circuits	Base color	Circuits
Black	Starter circuit	Yellow	Instrument circuit
White	Charging circuit	Blue, Orange, Brown,Light green, Gray, Pink, Sky blue, Violet	Other circuit
Red	Lighting circuit		
Green	Signal circuit		

### **Wire Size**

The size of wire used in a circuit is determined by the amount of current (amperage), the length of the circuit, and the voltage drop allowed. The following wire size and load capacity, shown below, are specified by AWG (American Wire Gauge) (Nominal size means approximate cross sectional area).



Wire Size Table

Nominal size	Cross sectional area (mm <sup>2</sup> )	Outside diameter (mm)	Allowable current (A)	AWG size (cross reference)
0.3	0.372	1.8	9	22
0.5	0.563	2.0	12	20
0.85	0.885	2.2	16	18
1.25	1.287	2.5	21	16
2	2.091	2.9	28	14
3	3.296	3.6	37.5	12
5	5.227	4.4	53	10
8	7.952	5.5	67	8
15	13.36	7.0	75	6
20	20.61	8.2	97	4

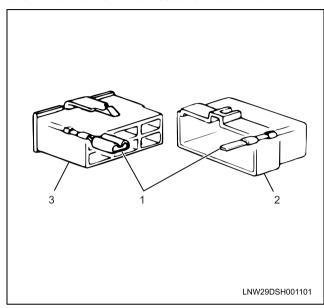
## **Circuit Number**

To identify the circuit , the circuit number is shown to each wiring harness between the electrical parts in alphanumeric code.

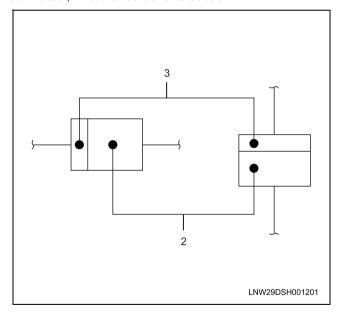
## Connector

The connector terminal shape (1) determines whether the connector is male (2) or female (3).

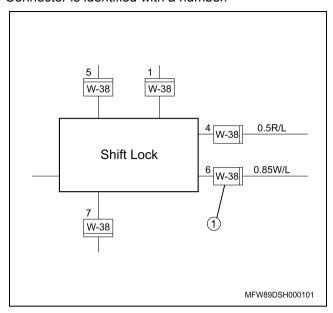
The connector housing configuration does no determine whether a connector is male or female.



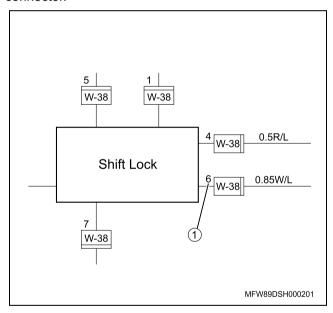
The symbol illustrated in the figure is used as connector, In the circuit of this section.



Connector is identified with a number.



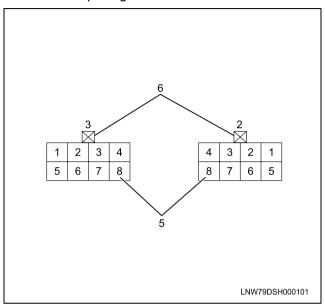
The applicable terminal number is shown for each connector.



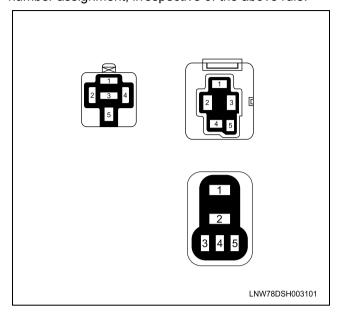
Connector terminal numbers (5) are clearly shown. Male side connector (2) terminal numbers are in sequence from upper right to lower left.

Female side connector (3) terminal numbers are in sequence from upper left to lower right.

Do lock part (6) of the connector up in any case and lock from the opening.

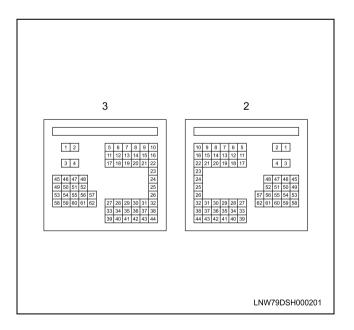


The connectors used for relays have their own terminal number assignment, irrespective of the above rule.



## NOTE:

For those connectors on which specific terminal numbers or symbols are shown (such as ECM), the terminal numbers or symbols are used in the circuit diagram, irrespective of the above rule.



## Notes for working on Electrical Items

## SYMBOLS

Symbol	Meaning of Symbol	Symbol	Meaning of Symbol
-000-	Fuse	(i)	Bulb
-000-	Slow blow fuse		Double filament bulb
-0^\0-	Fusible link wire	-[M]-	Motor
	Switch (Normal open type)		Variable register Rheostat
	Switch		Coil (inductor), solenoid, magnetic valve
	Switch (Normal close type)	7000	Relay (Normal open type)
+	Contact wiring		Relay
	Selection of harness. It displays selecting shared.		(Normal close type)
O O + -	Battery		Light emitting diode
-	Diode		Reed switch
	Electronic Parts	<b>→</b> ⊢	Condenser
<b>-</b>	Resistor	-5-	Horn
1	Speaker		Vacuum switching valve
	Buzzer		Arrow shows circuit continues to the deferent page
-8-6-	Circuit breaker	<u> </u>	Arrow shows circuit continues in the same page
	Twist Pair	1	Shield

## Fuse, Fusible Link

#### **FUSE**

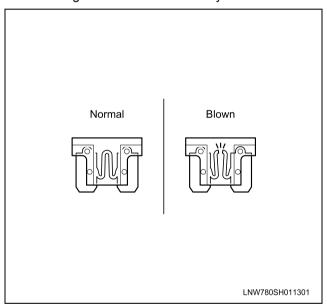
Fuses are the most common form of circuit protection used in vehicle wiring. A fuse is a thin piece of wire or strip of metal encases in a glass or plastic housing. It is wired in series with the circuit it protects. When there is an overload of current in a circuit, such as a short of a ground, the wire or metal strip is designed to burn out and interrupt the flow of current. This prevents a surge of high current from reaching and damaging other components in the circuit.

Determine the cause of the overloaded before replacing the fuse.

The replacement fuse must have the same amperage specifications as the original fuse.

Never replace a blown fuse with a fuse of a different amperage specification.

Doing so can result in an electrical fire or other serious circuit damage. A blown fuse is easily identified.



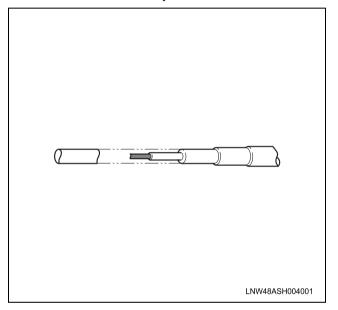
### **FUSIBLE LINK**

The fusible link is primarily used to protect circuits where high amounts of current flow and where it would not be practical to use a fuse. For example, the starter circuit. When a current overload occurs, the fusible link melts open and interrupts the flow of current so as to prevent the rest of the wiring harness from burning.

Determine the cause of the overload before replacing the fusible link. The replacement fusible link must have the same amperage specification as the original fusible link.

Never replace a blown fusible link with fusible link of a different amperage specification. Doing so can result in an electrical fire or other serious circuit damage.

A blown fusible link is easily identified.



## **SLOW-BLOW FUSE**

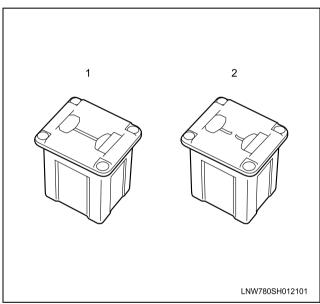
A slow-blow fuse is used in a circuit having a very high current flow (starter) or in an area where an ordinary fuse would be impractical.

Excessive current flow causes the fusible link inside the fuse to melt. Current flow is interrupted. Circuit damage caused by fire or heat is prevented.

Before replacing a fuse, determine the cause of the excessive current.

Always replace the blowout fuse with a new fuse of the same amperage rating. Replacing the fuse with one having a higher rating can result in a serious and expensive electrical fire.

Figure 1 shows a normal slow-blow fuse. Figure 2 shows a blowout fuse. it is easy to distinguish between the 2 fuses.



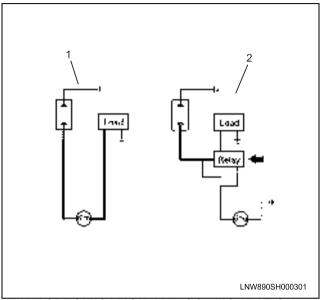
**Slow-Blow Fuse Specifications** 

Туре	Rating	Case Color	Maximum Circuit Current (A)
Connector	30A	Violet	15
Connector	40A	Green	20
Connector	50A	Red	25
Connector	60A	Yellow	30

## Relay

Battery and load location may require that a switch be placed some distance from either component. This means a longer wire and a higher voltage drop (1). The installation the battery and the load reduces the voltage drop (2).

Because the switch controls the relay, amperage through the switch can be reduced.



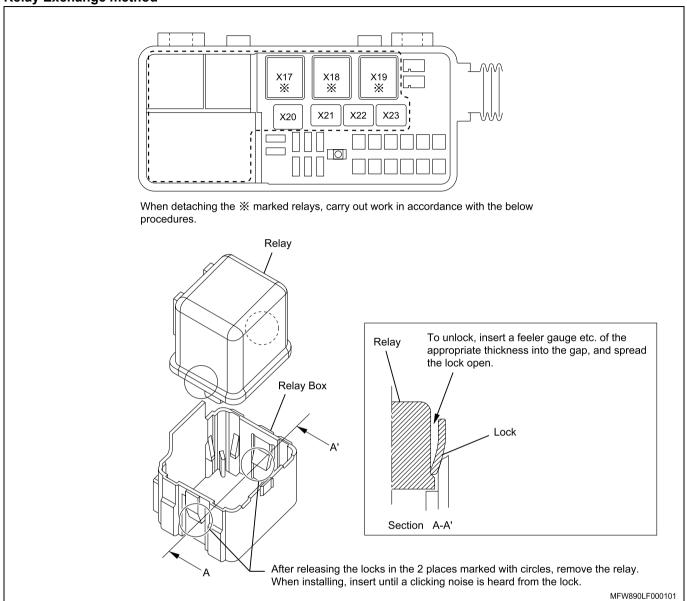
## **RELAY SPECIFICATION AND CONFIGURATION**

Name/Color	Rated voltage/Coil resistance	Internal circuit
ACB 13222 M01 Green	24V/ Approx. 302Ω Minimum operating voltage: 16V at 20°C (68°F)	
		MFW89DSH001101

9D-16 Wiring System (RHD model)

Name/Color	Rated voltage/Coil resistance	Internal circuit
MR82C-752, 2738099-A Black	(MR82C-752) 24V/ Approx. 100Ω Minimum operating voltage: 16V at 20°C (68°F) (2738099-A)24V/ Approx. 198Ω Minimum operating voltage: 16V at 20°C (68°F)	2 1 1 2 3 2 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ACM13222 M01 Green	24V/ Approx. 320Ω Minimum operating voltage: 16V at 20°C (68°F)	1

## **Relay Exchange method**



## Diode

## DIODE SPECIFICATIONS AND CONFIGURATIONS

TERMINAL NO.    CONNECTION   A   H   H   H   H   H   H   H   H   H	MARK	CONSTRUCTION	CHECKING	WHEN A CI TERMINAL.					7	, vviiii	<u> </u>
TERMINAL NO.  TE		2		TERMINA	L NO.	-			-		
TERMINAL NO.  3 2 1  CONNECTION B  TERMINAL NO.  3 2 1  A  CONNECTION B  TERMINAL NO.  TERMINAL NO.  TERMINAL NO.	δ -	1									
3   2   1								<u> </u>	<b></b>	<b>⊢</b> ∘	
TERMINAL NO.  TERMINAL NO.  A  CONNECTION PATTERN  B  D  D  D  D  D  D  D  D  D  D  D  D	Q.	3		TERMINAL NO.			3		1		
TERMINAL NO.  TERMINAL NO.  A  CONNECTION PATTERN  B  D  D  D  D  D  D  D  D  D  D  D  D		2			Α -			$\ominus$			
TERMINAL NO.  TERMINAL NO.  A  B  CONNECTION PATTERN B  H  H  H  H  H  H  H  H  H  H  H  H	T	1						<b>⊕</b>			
TERMINAL NO.  4 3 2 1									$\Theta$	<b>⊕</b>	
CONNECTION PATTERN B						£	7	-	4	1	
CONNECTION PATTERN  A  B  CONNECTION B  B  B  CONNECTION B	P		_	TE WITO E IV	10.	4	3	_	-		
CONNECTION PATTERN B D	Ťo				Δ.	-	0		9		
PATTERN B D	设置					9	-	_			
	6							8	•		
⊕ ⊖					В		•	0			
						0		Θ			

MFW89DMF000501

MARK	CONSTRUCTION	CHECKING	(THERE SHOULD WHEN A CIRCUIT					
			TERMIN	AL NO.	本	<del>\$</del>	<u></u>	本
					4	3	2	1
🗸							$\oplus$	$\Theta$
				Α		$\Theta$	<b>⊕</b>	
	4		CONNECTION		$\Theta$		<b>⊕</b>	
Ó			PATTERN				$\Theta$	<b>⊕</b>
				В		$\oplus$	$\Theta$	
					$\oplus$		$\Theta$	
			TERMIN	AL NO	1	Ţ	•	7
	SALESBELFAL		I LIXIVIII	AL NO.	4	3	2	1
							$\oplus$	$\Theta$
				Α		$\ominus$	$\oplus$	
\$\frac{1}{2}		CONNECTION	CONNECTION	1	$\Theta$		$\oplus$	
Ó			PATTERN				$\Theta$	<b>⊕</b>
				В		$\oplus$	$\Theta$	
					$\oplus$		$\Theta$	

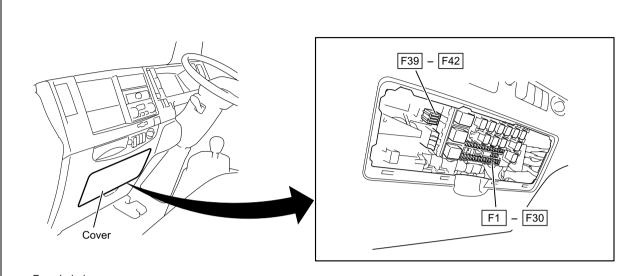
## MAXIMUM RATING (Temp. = 25°C {77°F})

Items	Rating	Remarks
Peak reverse voltage	400V	
Transient peak reverse voltage	500V	
Average output current	1.5A	Temp. = 40°C (104°F)
Working ambient temperature	-30°C – 80°C (-22°F–176°F)	
Storage temperature	-40°C – 100°C (-40°F–212°F)	

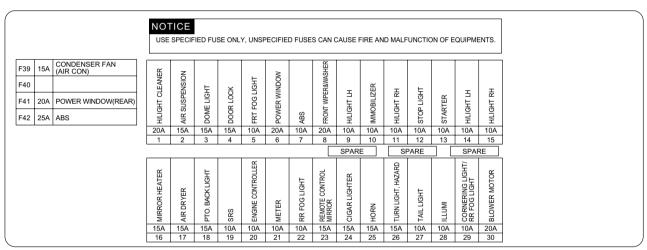
## **Main Data and Specifications**

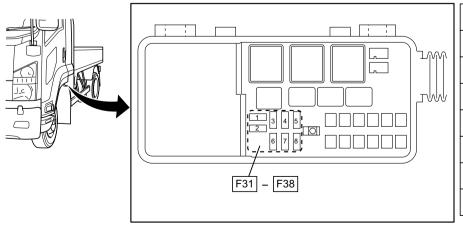
## Fuse, Fusible Link and Slow-Blow Fuse Location

FUSE & FUSE LABEL(Except Indonesia)



#### Fuse Label

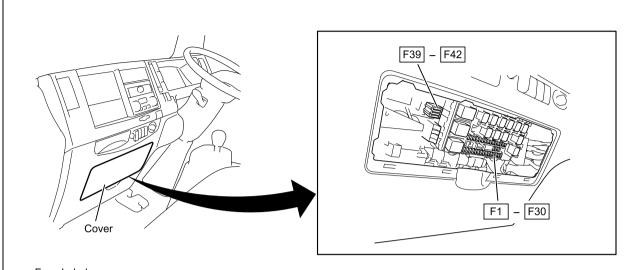




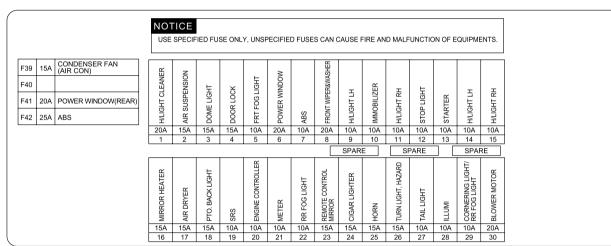
1	15A F31	Power source
2	15A F32	TCM
3	15A F33	ECM main
4	F34	-
5	F35	_
6	F36	-
7	10A F37	Air conditioner
8	F38	_

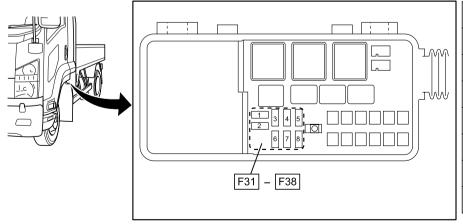
MFW99DXF094201

## **FUSE & FUSE LABEL(Indonesia)**



#### Fuse Label





	1	15A F31	Power source
	2	F32	_
	3	15A F33	ECM main
	4	F34	-
	5	F35	-
	6	F36	-
	7	10A F37	Air conditioner
	8	F38	_
1			

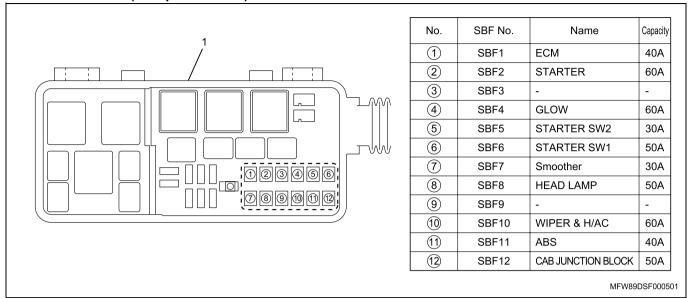
MFWB9DXF026101

### NOTE:

The fuse numbers (1)-(30) indicated on the fuse labels are expressed as [F-1] – [F-30] in the circuit diagrams

of this manual.

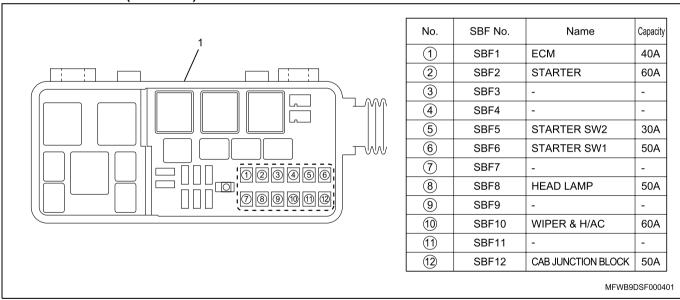
### SLOW-BLOW FUSE(Except Indonesia)



### Legend

1. Chassis Relay Box

## **SLOW-BLOW FUSE(Indonesia)**



## Legend

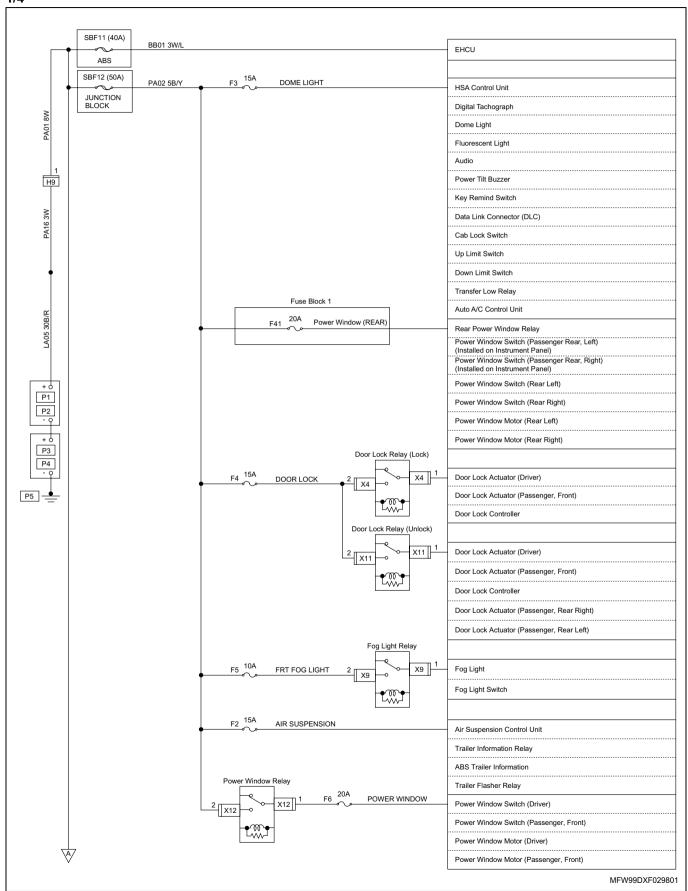
1. Chassis Relay Box

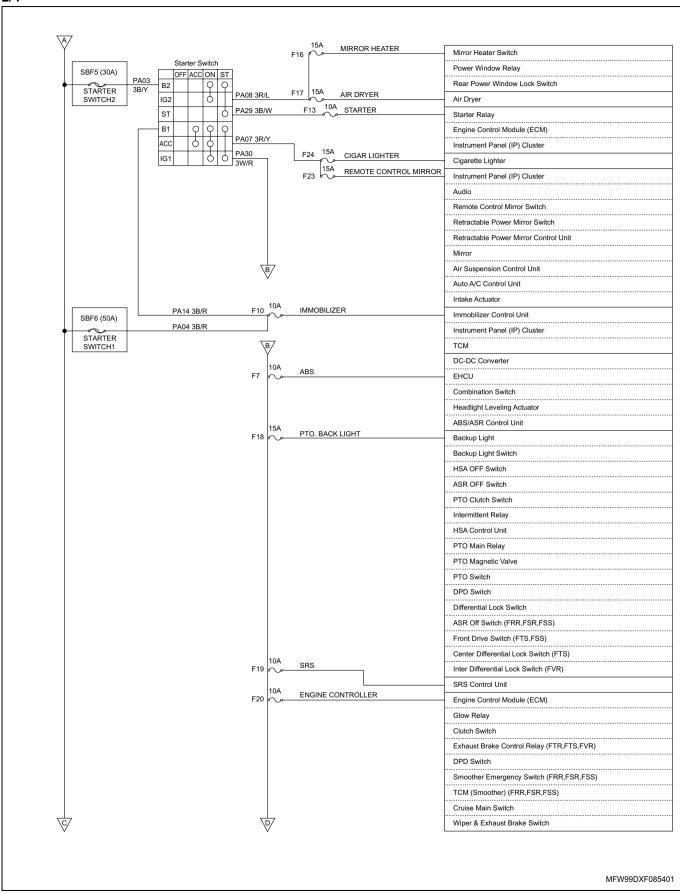
## NOTE:

The slow-blow fuse numbers (1)-(12) indicated on the fuse labels are expressed as [SBF-1] – [SBF-12] in the circuit diagrams of this manual.

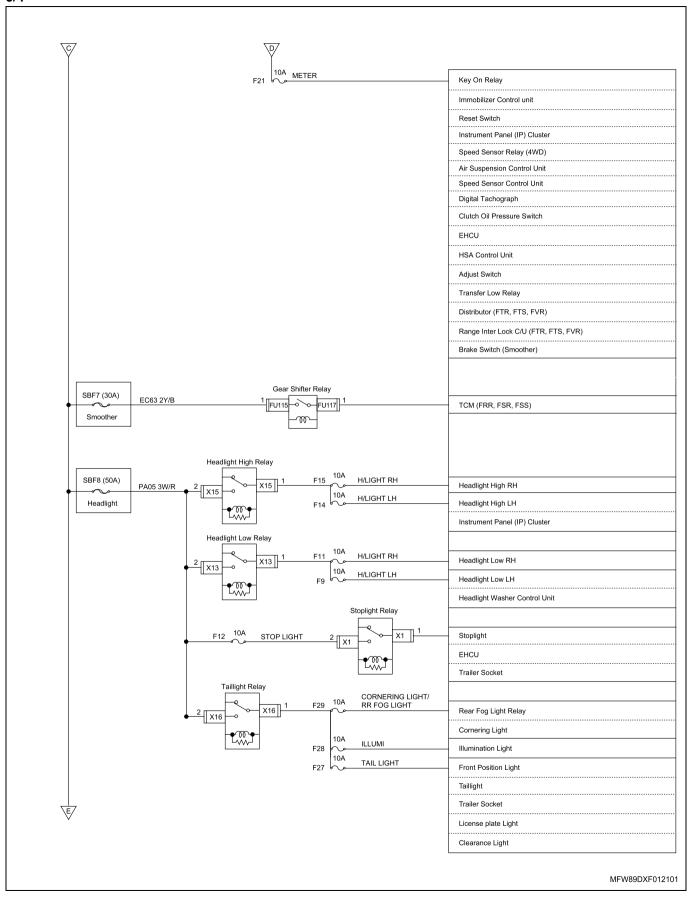
### **Power Distribution**

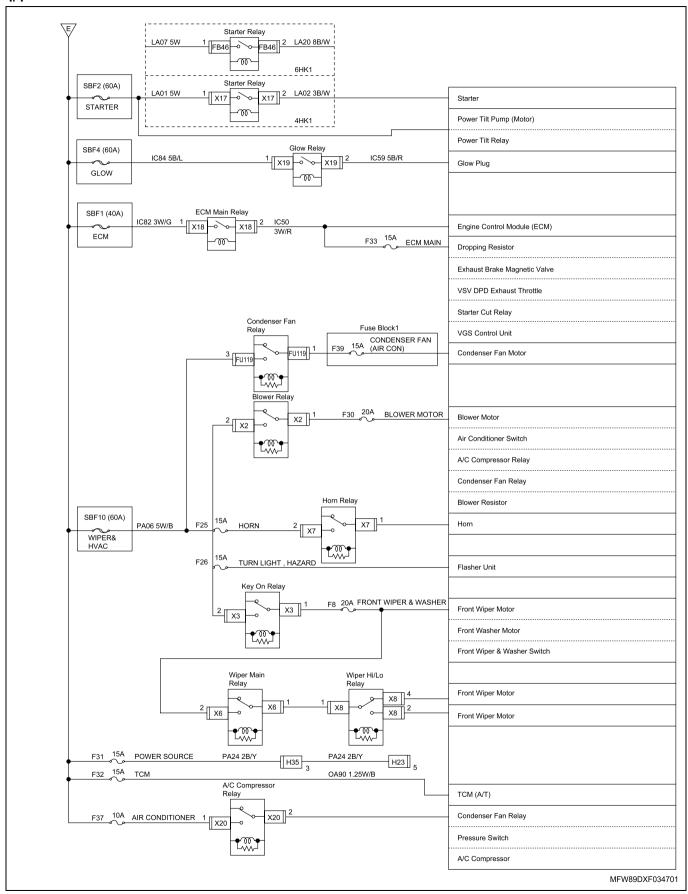
## **Except Indonesia**



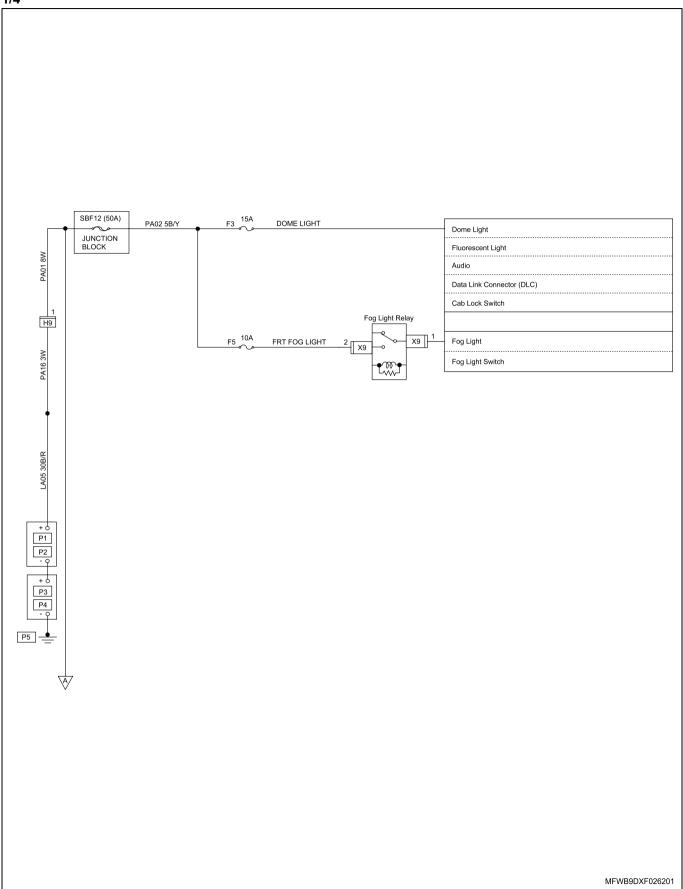


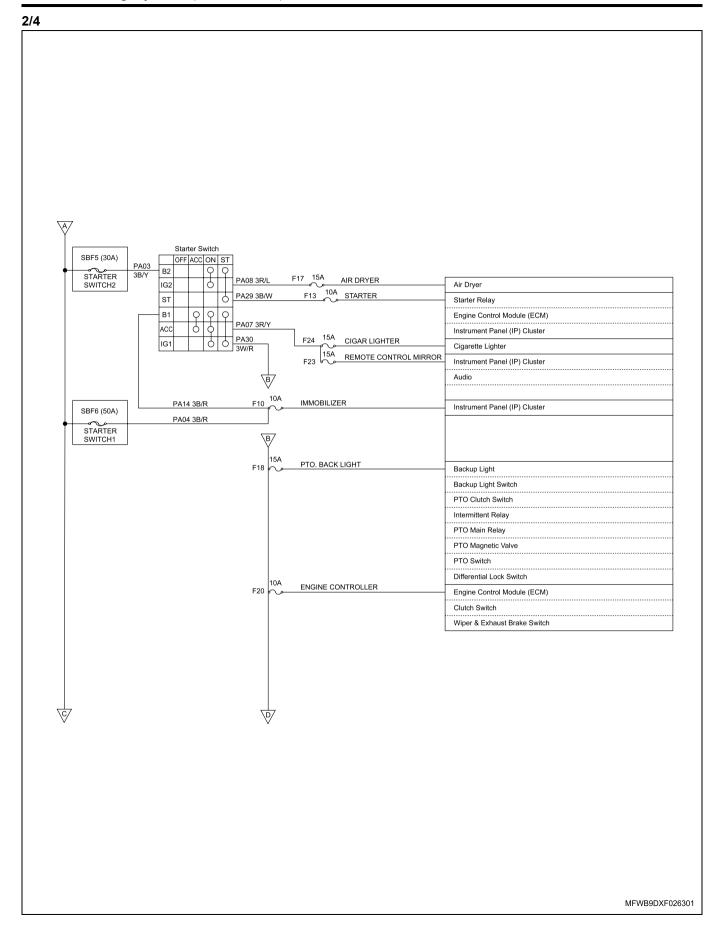


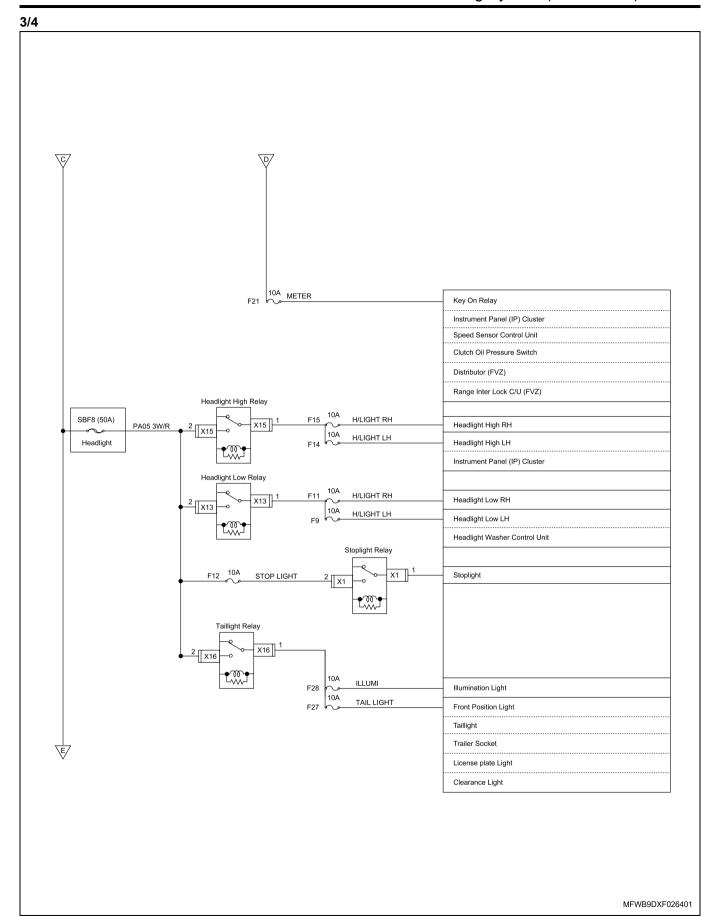


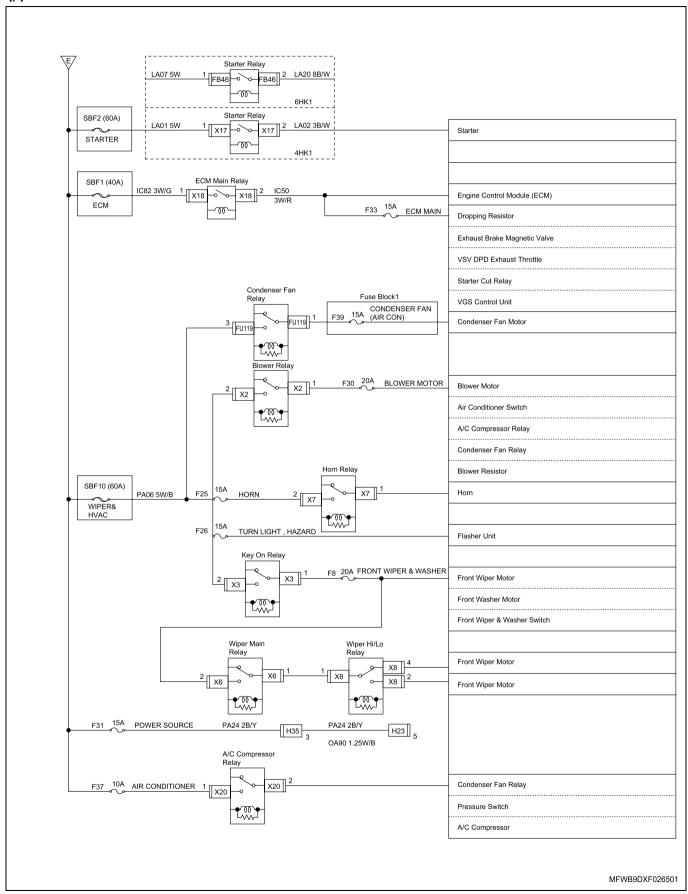


## Indonesia

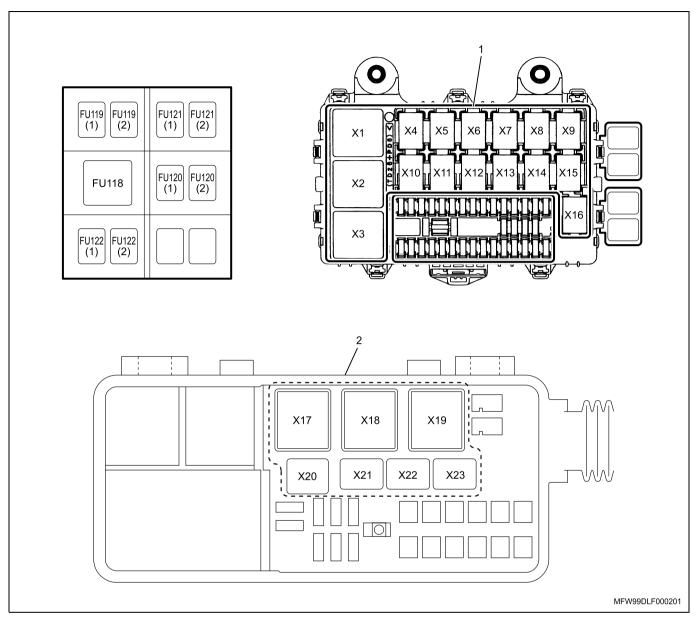








## **Relay Location**



## Legend

1. Cab Junction Block

## 2. Relay Box

# Relay List Except Indonesia

Connector NO	Relay Name
FU118	Rear Power Window
10110	Trailer Stop
FU119 (1)	PTO Main
1 3 119 (1)	Exhaust Brake Cut
FU119 (2)	Condenser Fan

FU120 (1)	Transfer Low
10120(1)	Trailer Information 2
FU120 (2)	Exhaust Brake Control
FU121 (1)	PTO Cut
10121(1)	Neutral
FU121 (2)	_
FU122 (1)	Trailer Flasher
10122(1)	Trailer Information 1
FU122 (2)	_
X1	Stoplight

## 9D-32 Wiring System (RHD model)

Blower Motor
Key On
Door Lock (Lock)
_
Wiper Main
Horn
Wiper High/ Low
Front Fog Light
Headlight Cleaner
Door Lock (Unlock)
Power Window
Headlight(Low)
Engine Run
Reverse
Headlight(High)
Taillight
Starter (4HK1)
ECM Main
Glow
A/C Compressor
Buzzer Cut
Starter Cut
_

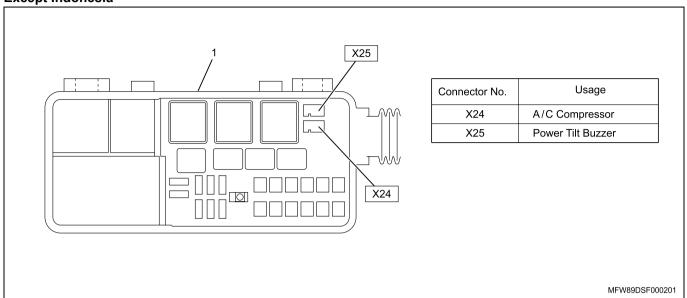
X5	_
X6	Wiper Main
X7	Horn
X8	Wiper High/ Low
Х9	_
X10	_
X11	_
X12	_
X13	Headlight(Low)
X14	_
X15	Headlight(High)
X16	Taillight
X17	Starter (4HK1)
X18	ECM Main
X19	_
X20	A/C Compressor
X21	_
X22	Starter Cut
X23	_

## Indonesia

Connector NO	Relay Name
FU118	_
FU119 (1)	PTO Main
FU119 (2)	_
FU120 (1)	_
FU120 (2)	_
FU121 (1)	PTO Cut
FU121 (2)	_
FU122 (1)	_
FU122 (2)	_
X1	Stoplight
X2	Blower Motor
Х3	Key On
X4	_

## **Diode Location**

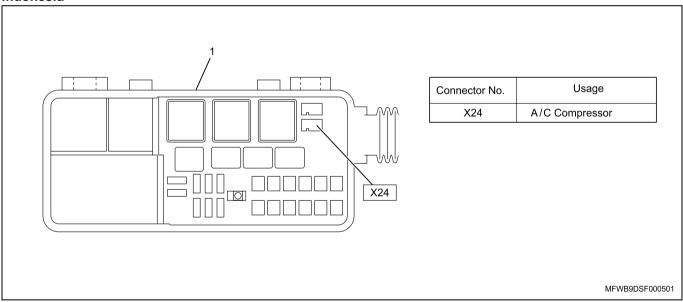
## **Except Indonesia**



## Legend

1. Relay Box



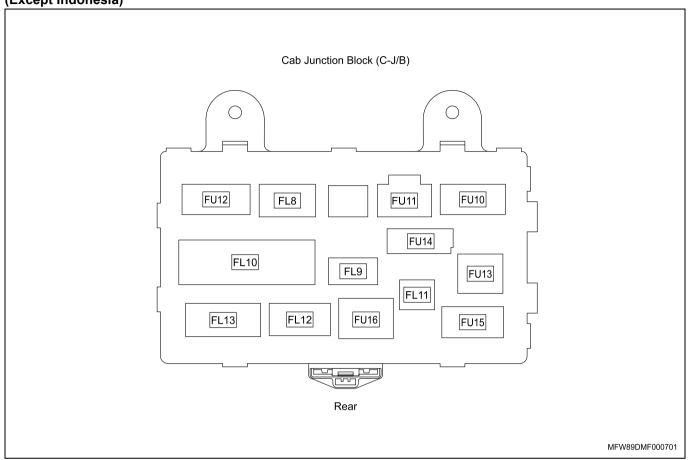


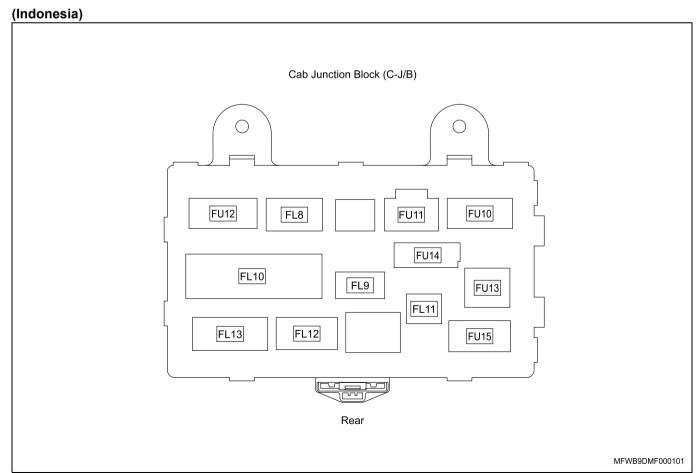
## Legend

1. Relay Box

### **Cab Junction Block Connector Location**

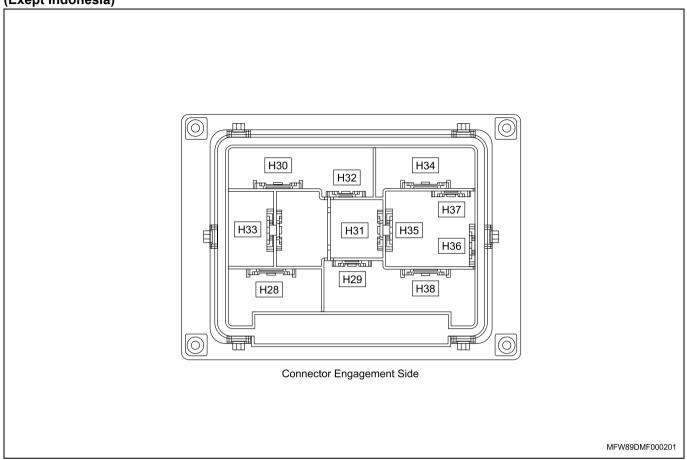
(Except Indonesia)



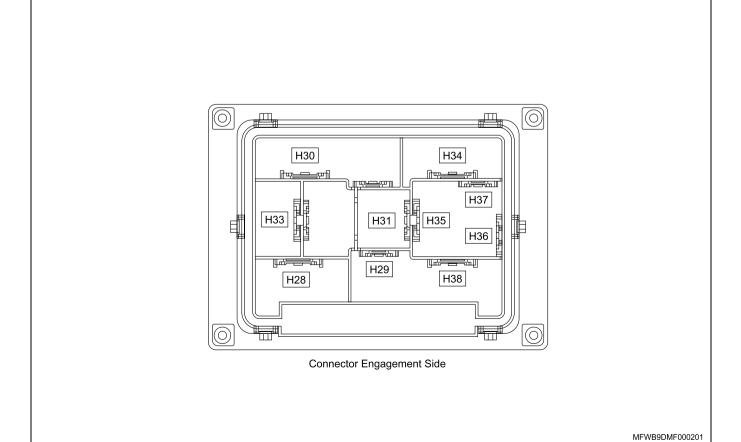


### **Connector Box Connector Location**

### (Exept Indonesia)

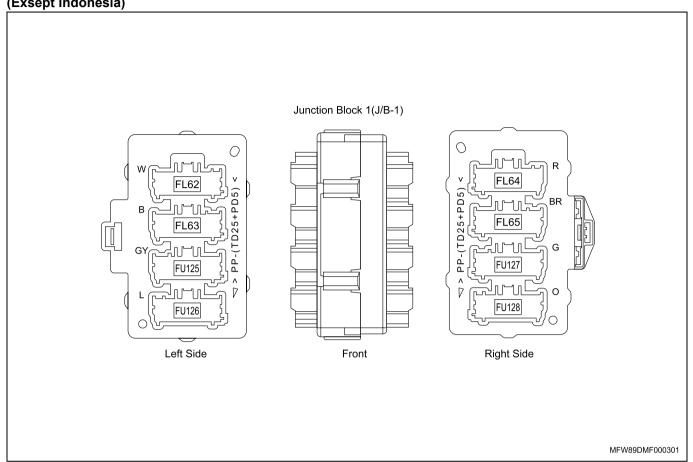


### (Indonesia)

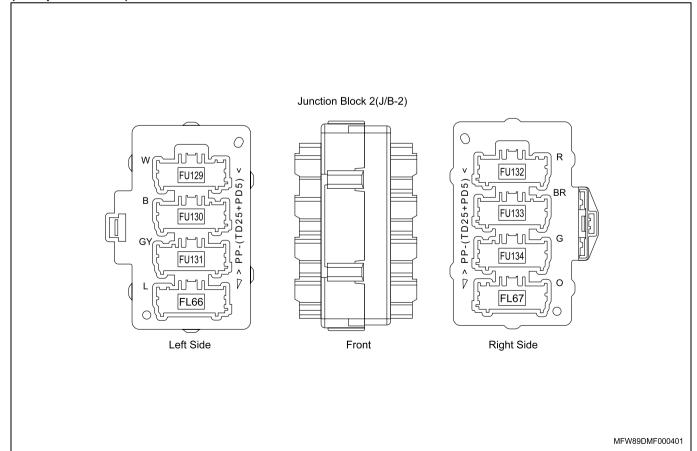


### **Junction Block Connector Location**

### (Exsept Indonesia)



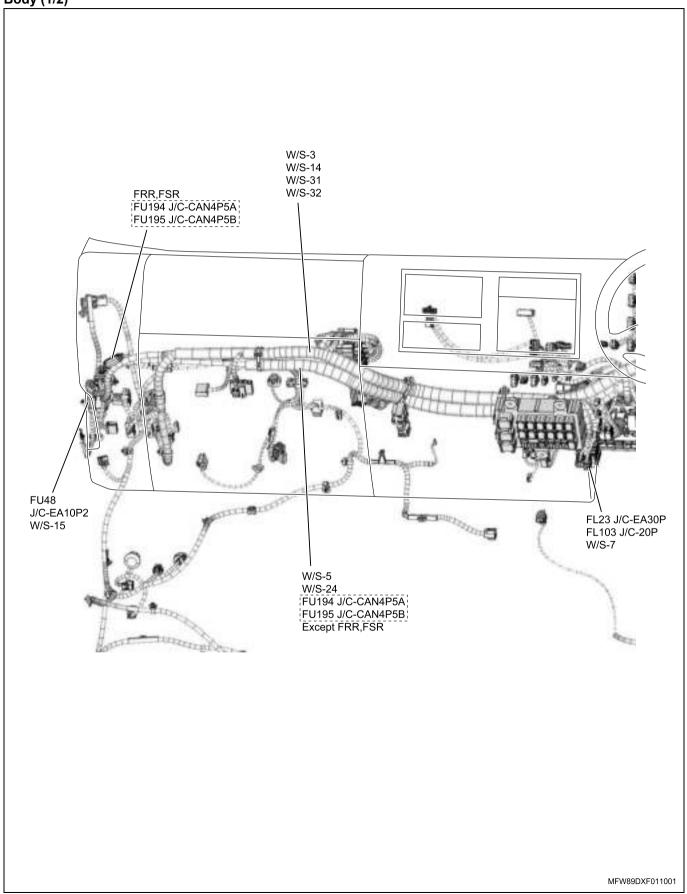
### (Exsept Indonesia)

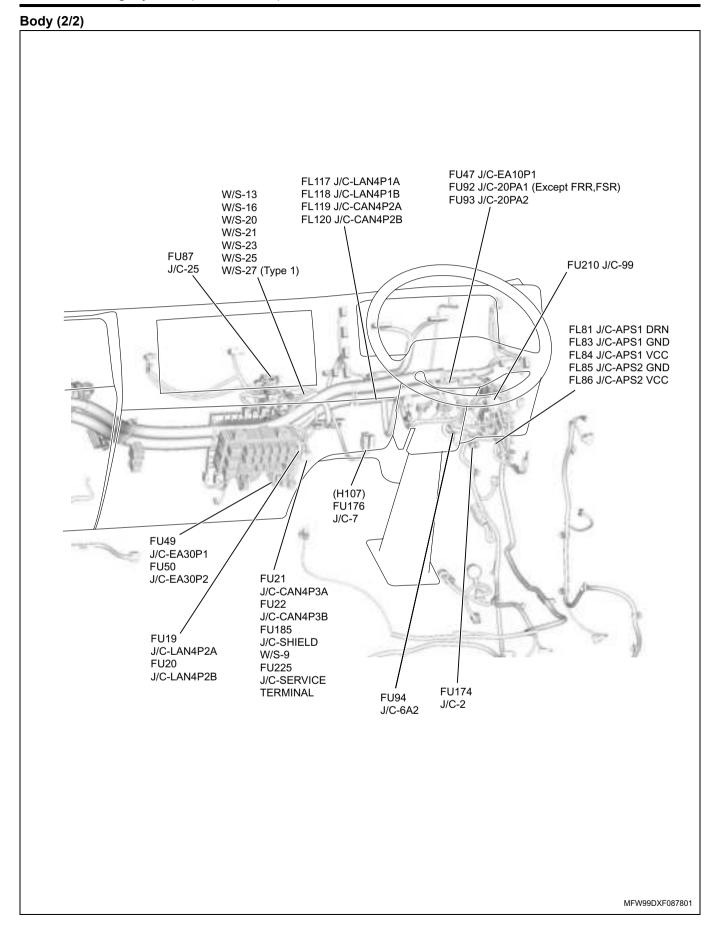


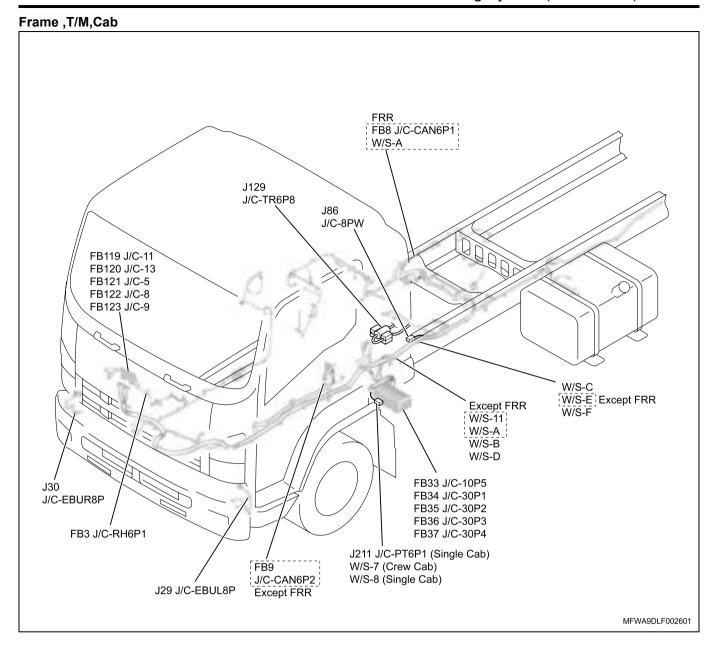
### **Joint Connection and Weld Splice Location**

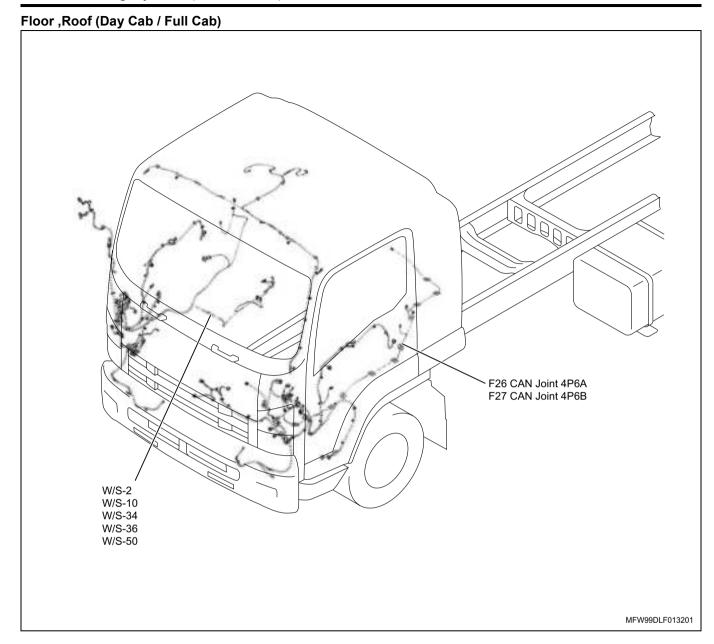
### **Body Cable Harness & Frame Cable Harness(Except Indonesia)**

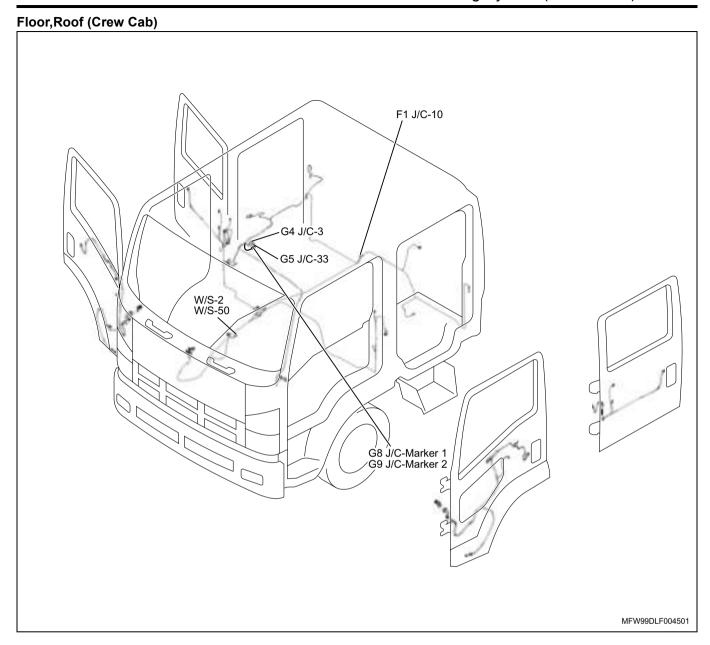
Body (1/2)

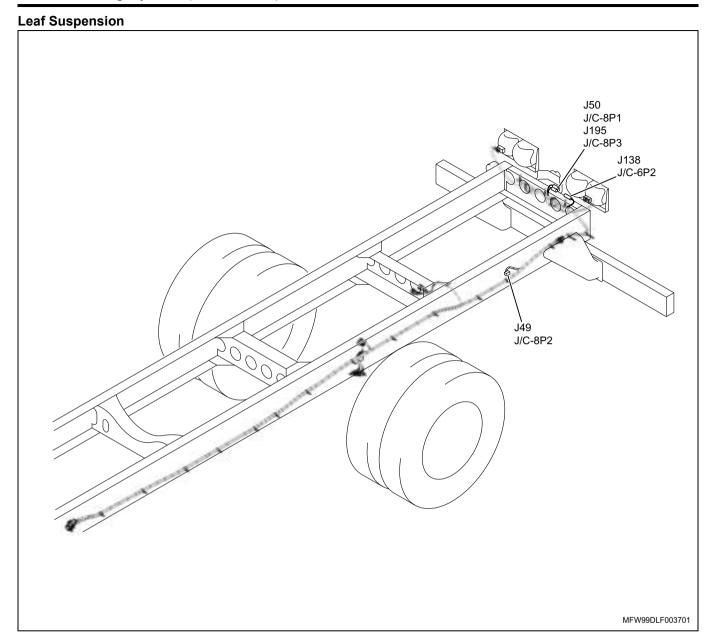


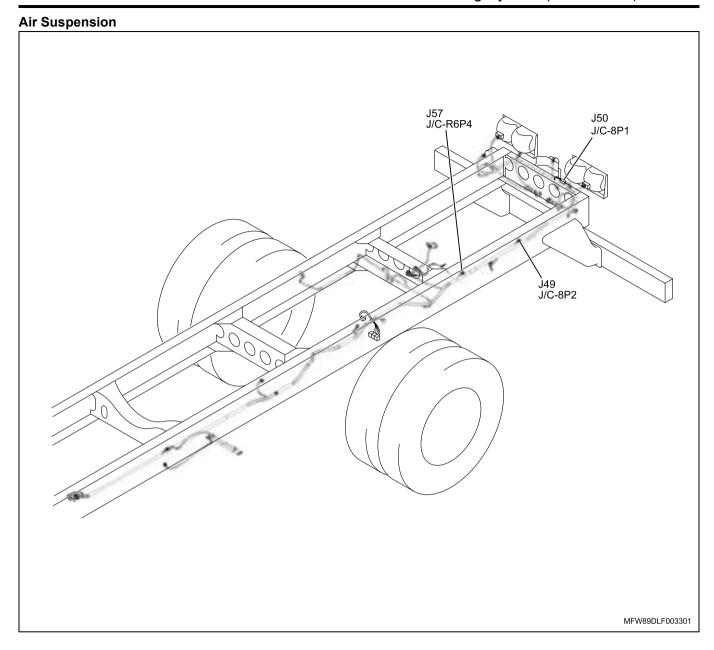




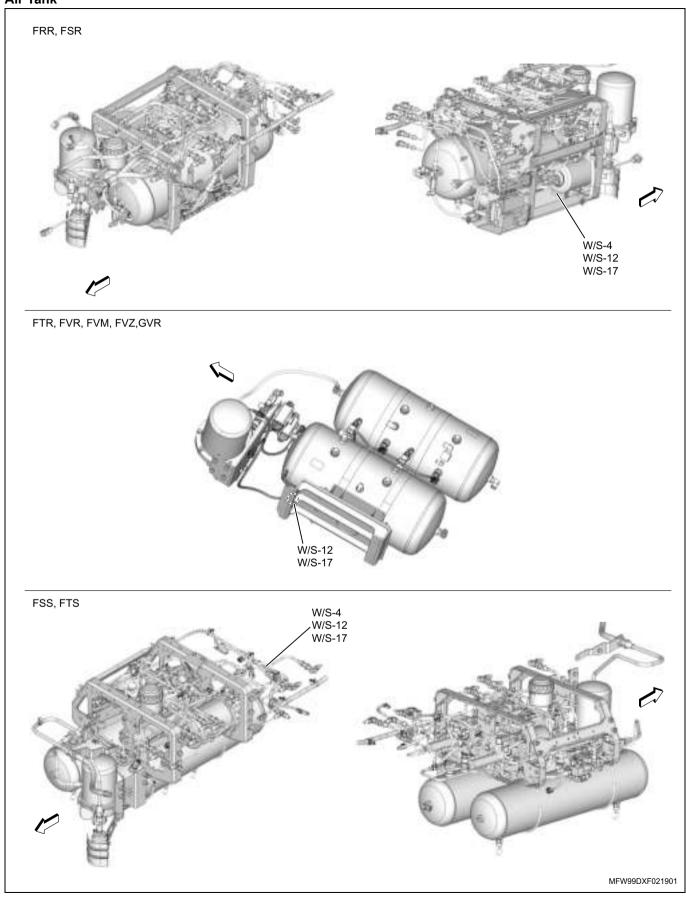






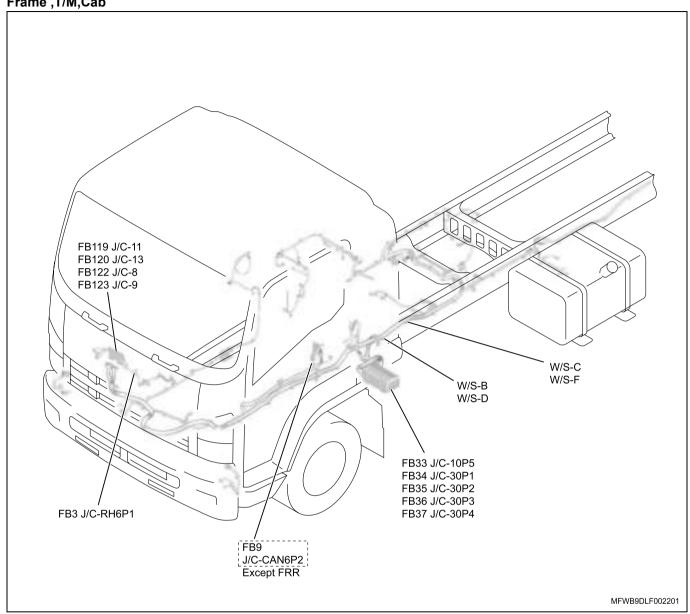


### Air Tank

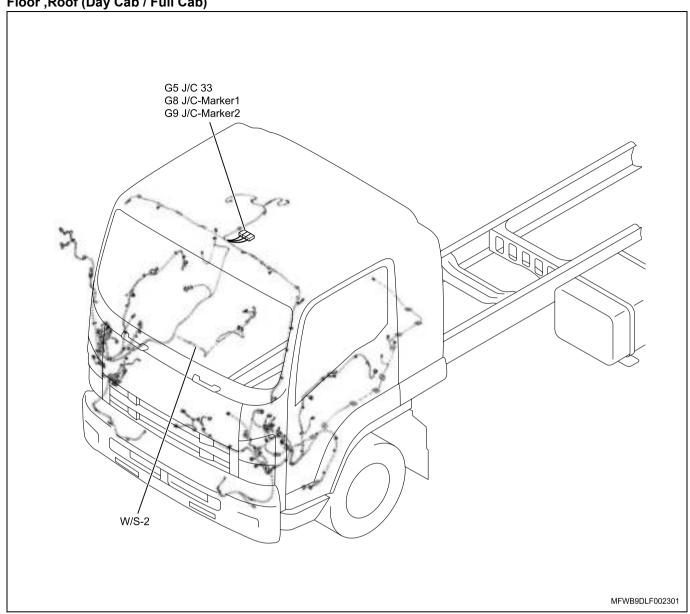


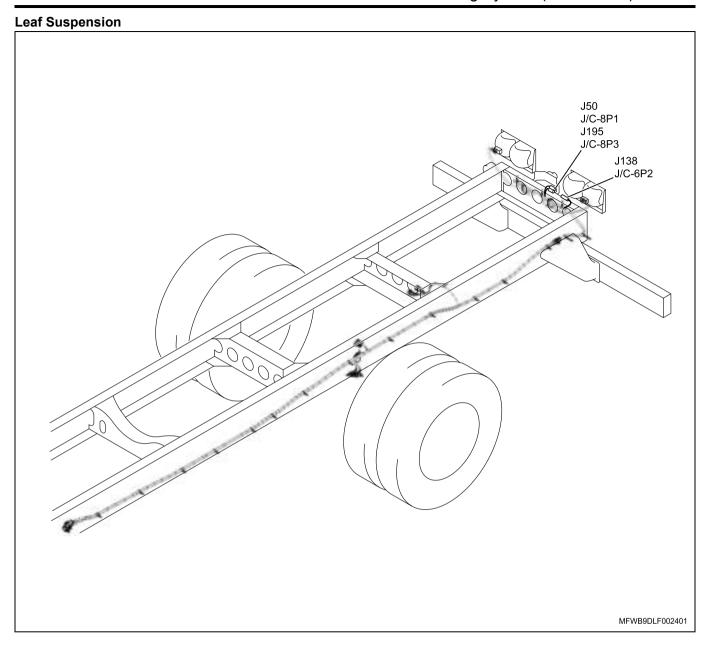
### Indonesia

### Frame ,T/M,Cab

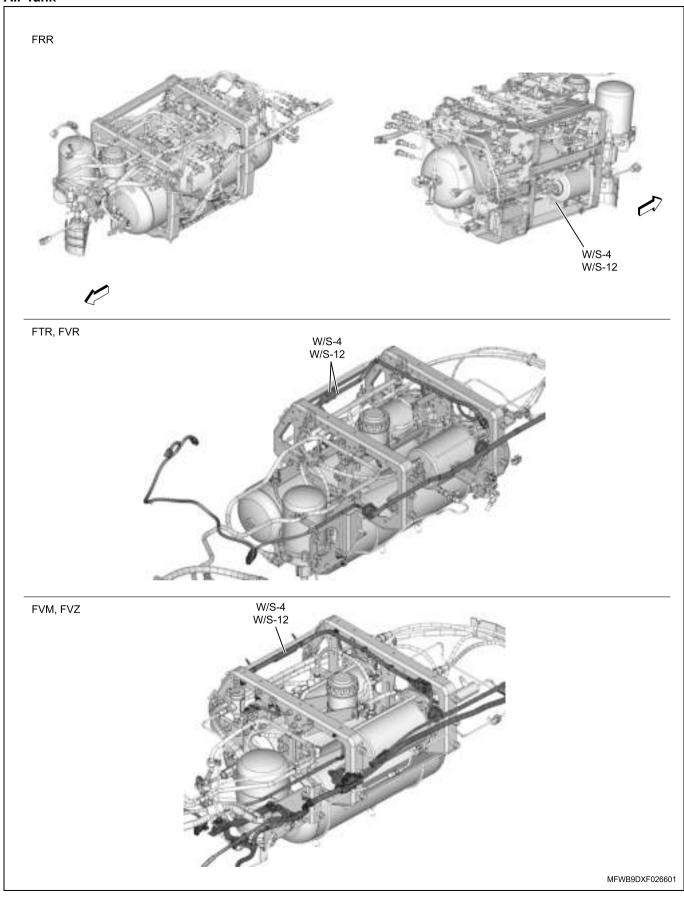


### Floor ,Roof (Day Cab / Full Cab)





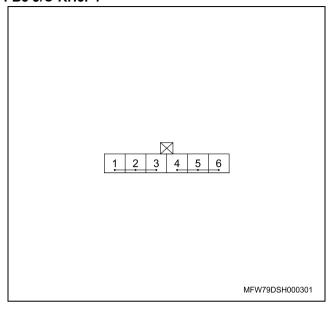
### Air Tank



### **Joint Connection Circuit**

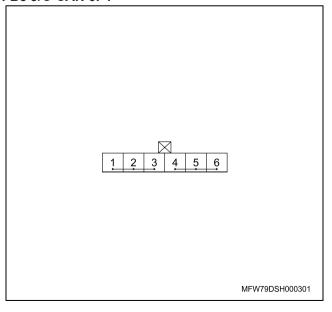
### **Except Indonesia**

### FB3 J/C-RH6P1



PIN No.	Connection
1	IP Cluster
2	Air Pressure Sensor 1
3	Air Pressure Sensor 2
4	IP Cluster
5	Air Pressure Sensor 1
6	Air Pressure Sensor 2

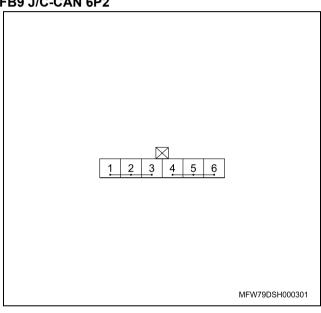
### FB8 J/C-CAN 6P1



PIN No.	Connection
1	J/C-CAN 4P2B (4)

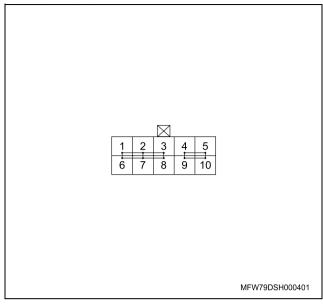
PIN No.	Connection
2	J/C-CAN 6P2 (1) (6HK1)
	ECU Turbo (4HK1)
	ECM (4HK1)
3	EHCU
4	J/C-CAN 4P2A (4)
5	J/C-CAN 6P2 (4) (6HK1)
	ECU Turbo (4HK1)
	ECM (4HK1)
6	EHCU

### FB9 J/C-CAN 6P2



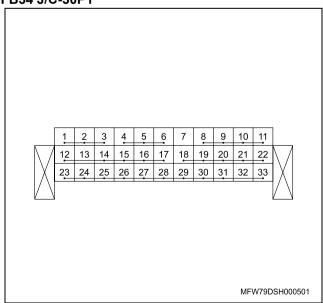
PIN No.	Connection
	0000
1	J/C-CAN 6P1 (2)
	J/C-CAN 4P2B (4)
2	Rotary Electric Actuator (REA)
2	Terminator (6HK1 Euro2)
3	ECM
4	J/C-CAN 6P1 (5)
	J/C-CAN 4P2A (4)
5	Rotary Electric Actuator (REA)
	Terminator (6HK1 Euro2)
6	ECM

### FB33 J/C-10P5

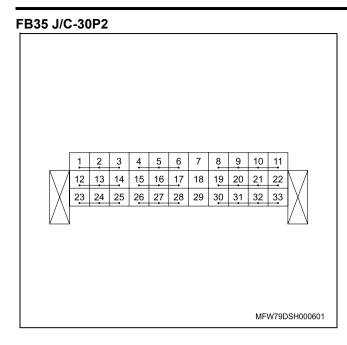


PIN No.	Connection
1	ECM Main Relay
2	Fuse ; ECM Main
3	_
4	SBF 11 ; ABS
5	EHCU
6	ECM
7	ECM
8	_
9	_
10	EHCU

### FB34 J/C-30P1



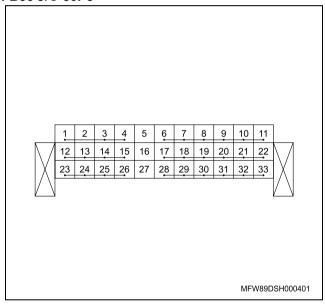
PIN No.	Connection
1	Starter Relay (4HK1)
	Starter Relay (6HK1)
2	Fuse ; Starter
3	ECM
4	Starter Cut Relay
	Starter Relay (4HK1)
5	Starter Relay (6HK1)
6	Diode EMR1
7	_
8	ECM
9	Junction Block 2
10	Glow Relay
11	_
12	Backup Light Switch
13	_
14	J/C-R6P2 (6)
15	Junction Block 1
16	Back Buzzer
17	Trailer Socket
18	Stoplight Relay
19	J/C-R6P2 (1)
20	Trailer Socket
21	EHCU
22	_
23	Fuse ; ECM Main
24	Starter Cut Relay
25	Exhaust Brake Magnetic Valve
26	Dropping Resistor
27	VNT Control Module
28	Exhaust Throttle Magnetic Valve
29	_
30	_
31	_
32	_
33	_



PIN No.	Connection
1	HSA C/U (M/T)
	Junction Block 2
	TCM (Smoother)
2	ECM
3	Neutral Switch
3	Starter Cut Relay (A/T)
4	J/C-20PB2 (6)
5	Stoplight Switch 2
6	ECM
7	_
8	ECM
9	Exhaust Differential Pressure Sensor
10	Exhaust Temperature Sensor 2
11	Exhaust Temperature Sensor 1
12	_
13	_
14	_
15	ECM Main Relay
16	ECM
17	ECM
18	_
19	_
20	_
21	_
22	_

PIN No.	Connection
23	Up Limit Switch
24	Up Down Switch
25	Diode 13
26	Down Limit Switch
27	Up Down Switch
28	Buzzer Cut Relay
29	_
30	_
31	_
32	_
33	_

### FB36 J/C-30P3

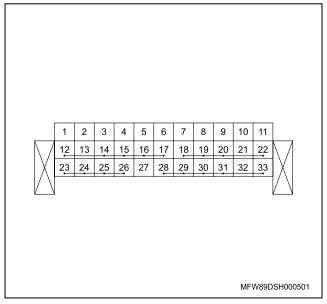


PIN No.	Connection
1	ECM
2	Starter Cut Relay
3	TCM (Smoother)
4	_
5	_
6	Junction Block 2
7	Backup Light Switch
8	Front Drive Magnetic Valve
0	Valve Box
9	_
10	Valve Box
11	Valve Box

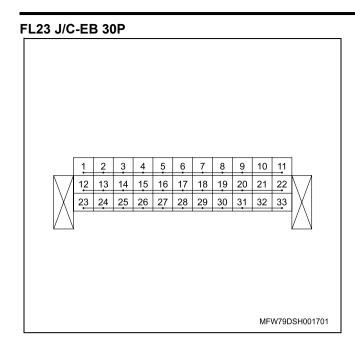
### 9D-52 Wiring System (RHD model)

PIN No.	Connection
12	Pressure Switch
13	A/C Compressor
14	ECM
15	Diode 3
16	_
17	Junction Block 1
18	_
19	Rear Combination Light (LH)
20	Trailer Socket
21	_
22	_
23	_
24	IP Cluster
25	W/S-17
26	Air Pressure Switch
20	Air Pressure Switch 1
27	_
28	Junction Block 1
29	_
30	Rear Combination Light (RH)
31	Trailer Socket
32	_
33	_

### FB37 J/C-30P4



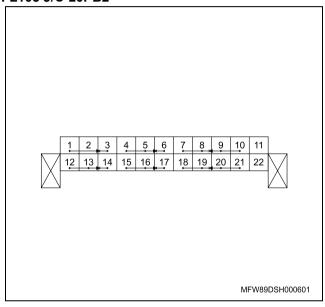
PIN No.	Connection
1	Junction Block 1
2	ECM
3	Wheel Parking Brake Switch
4	IP Cluster
5	Water Separator Switch
6	_
7	_
8	_
9	_
10	_
11	_
12	Fuse ; Taillight
13	_
14	J/C-8P3 (1)
15	Trailer Socket
16	_
17	_
18	Junction Block 2
19	PTO Magnetic Valve
20	_
21	_
22	ECM
23	IP Cluster
24	Fuel Tank Unit (LH)
25	Fuel Tank Unit (Rear)
26	
27	
28	Fuse ; Meter
29	_
30	_
31	Clutch Oil Pressure Switch
32	Front Drive Switch (4WD Switch)
33	_



PIN No.	Connection
1	J/C-Marker 2 (3)
2	Key On Relay
3	_
4	Combination Switch
5	Dome Light Switch
6	Intermittent Relay
7	Door Lock Switch & Actuator Front-RH
8	_
9	Cigarette Lighter
10	_
11	J/C-EB 30P (17)
12	Audio
13	_
14	_
15	Dome Light Switch
16	GND (Front LH)
17	J/C-EB 30P (11)
18	Hazard Warning Flasher Switch
19	Front Power Window Switch RH
20	GND (Front RH)
21	_
22	J/C-EB 30P (28)
23	Combination Switch
24	Wiper & Exhaust Brake Switch
25	Side Turn Signal Light (RH) (With Door)

PIN No.	Connection
26	Hazard Warning Flasher Switch
27	Side Turn Signal Light (LH) (With Door)
28	J/C-EB 30P (22)
29	RS232 ch 1
30	W/S-2
31	Combination Switch
32	_
33	Hazard Warning Flasher Switch

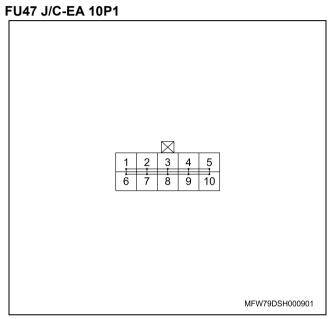
### FL103 J/C-20PB2



PIN No.	Connection
1	_
2	J/C-20PB2 (4)
3	Junction Block 2
4	J/C-20PB2 (2)
5	J/C-20PB2 (7)
6	J/C-30P2 (4)
7	J/C-20PB2 (5)
8	Junction Block 1
9	_
10	Stoplight Relay
11	_
12	_
13	_
14	_
15	_

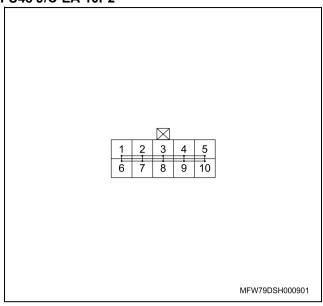
# 9D-54 Wiring System (RHD model)

PIN No.	Connection
16	_
17	_
18	_
19	_
20	_
21	_
22	_

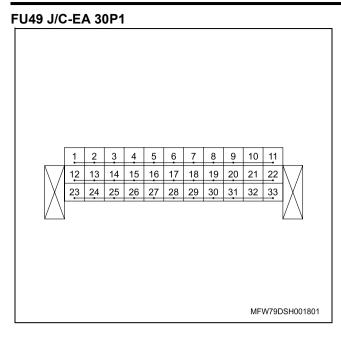


PIN No.	Connection	
	W/S-3	
1	TCM (A/T)	
	Distributor	
2	J/C-EA 30P1 (33)	
3	J/C-EA 30P1 (22)	
4	J/C-EA 10P2 (10)	
5	Headlight (RH) (with Air Suspension)	
	W/S-16	
6	J/C-EA 30P1 (11)	
7	J/C-EA 30P2 (33)	
,	W/S-27	
8	J/C-EA 30P2 (22)	
9	J/C-EA 30P2 (11)	
10	GND (Frame RH-Front)	

### FU48 J/C-EA 10P2



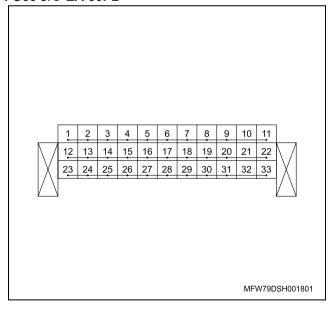
PIN No.	Connection
1	BLC
'	A/C Switch
	Auto A/C C/U
2	Fan Switch (Type2)
2	Blower Resistor
	W/S-30 (Type1)
3	Auto A/C C/U
3	Fan Switch
4	Headlight Washer C/U
5	GND (Frame Front-LH)
6	Condenser Fan Motor
7	Headlight (LH)
	J/C-EBUL8P (6)
8	Remote Control Mirror LH (with Heater)
9	J/C-EBUL8P (8)
10	J/C-EA 10P1 (4)



PIN No.	Connection	
1	Headlight Washer Switch	
2	Fog Light (LH)	
	Smoother Emergency Switch	
3	TCM (A/T)	
	Gate Inter Lock C/U	
4	Wiper Motor	
5	Front Differential Switch	
6	Data Link Connector	
7	PTO Cut Relay	
8	Rear Differential Lock Switch	
0	Inter Differential Lock Switch	
9	Stoplight Switch 1	
10	_	
11	J/C-EA 10P1 (6)	
12	Speed Control Unit	
13	Speed Control Unit	
14	Headlight Washer Relay	
15	Air Suspension C/U	
15	ABS Trailer Information	
	Center Differential Lock Switch	
16	Front Differential Switch	
	ASR OFF Switch	
17	Power Window Relay	
''	Door Lock Relay (Unlock)	

PIN No.	Connection
18	Transfer Low Relay
	Trailer Information Relay 1
19	Condenser Fan Relay
20	PTO Main Relay
21	_
22	J/C-EA 10P1 (3)
23	Front Turn Signal Light (LH)
24	Front Turn Signal Light (RH)
25	Clearance Light (LH)
26	Clearance Light (RH)
27	Transfer Gear Control Switch
28	Cruise Main Switch
29	Rear Power Window Lock Switch
29	Trailer Flasher Relay
30	Rear Power Window Switch (LH)
31	Rear Power Window Switch (RH)
32	_
33	J/C-EA 10P1 (2)

### FU50 J/C-EA 30P2



PIN No.	Connection
1	Horn (LH)
2	IP Cluster
	Smoother Emergency Switch
3	Neutral Relay
	Range Inter Lock C/U

### 9D-56 Wiring System (RHD model)

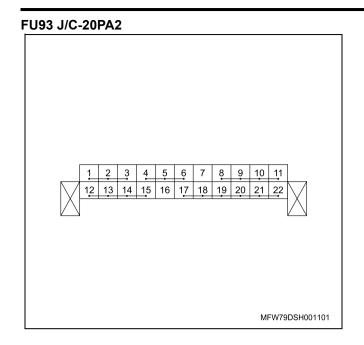
PIN No.	Connection	
4	DPD Switch	
5	Fan Control Switch (Type1)	
	W/S-30 (Type1)	
6	Fog Light (RH)	
7	HSA Reset Switch	
7	Neutral Relay	
8	HSA Adjustment Switch	
9	W/S-27	
10	_	
11	J/C-EA 10P1 (9)	
12	Retractable Power Mirror C/U	
13	Dome Light Switch	
14	Remote Control Mirror Switch	
15	Dome Light Switch	
16	Remote Control Mirror RH (with Heater)	
17	Mirror Heater Switch	
18	Retractable Power Mirror Switch	
19	Condenser Fan Relay	
10	Mirror Heater Switch	
20	_	
21	_	
22	J/C-EA 10P1 (8)	
23	Front Door Power Window Switch (RH)	
24	PTO Switch	
25	Door Lock Controller	
20	Keyless Entry Control Unit	
26	Air Suspension C/U	
27	Horn (RH)	
28	Auto A/C C/U	
	Electronic Thermostat	
29	_	
30	Memory Clear Switch	
31	Transfer Gear Control Switch	
32	_	
33	J/C-EA 10P1 (7)	

# FU92 J/C-20PA1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

25 26 27 28 29 30 31 32 33

MFW79DSH000701

PIN No.	Connection
1	Fuse ; Air Suspension
2	_
3	Trailer Flasher Relay
4	Trailer Information Relay 2
5	Trailer Information Relay 2
6	Trailer Information Relay 1
7	Trailer Stop Relay
8	Trailer Information Relay 1
9	Trailer Information Relay 2
10	ABS Trailer Information
11	ABS Trailer Information
12	Trailer Stop Relay
13	Trailer Socket
14	ABS Trailer Information
15	Diode 1
16	Diode B1-4
17	Stoplight Relay
18	_
19	Trailer Brake Switch
20	Flasher Unit
21	Trailer Flasher Relay
22	

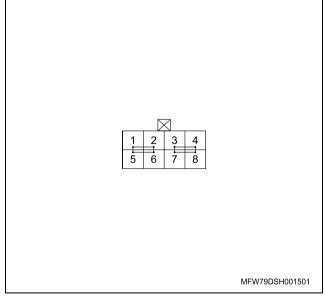


1 2 3 4 5 6	
	MFW79DSH001201

PIN No.	Connection
1	TCM
2	TCM
3	Select Solenoid
4	TCM
5	TCM
6	2-4-R Shift Solenoid
7	_
8	TCM
9	Junction Block 2
10	Diode EMR2
11	TCM
12	TCM
13	_
14	TCM
15	1-3-5 Shift Solenoid
16	_
17	TCM
18	TCM
19	Gear Shifter Relay
20	TCM
21	TCM
22	TCM

PIN No.	Connection	
1	IP Cluster	
'	W/S-38	
2	HSA C/U	
3	Air Suspension C/U	
4	Speed Control Unit	
5	_	
6	ECM	



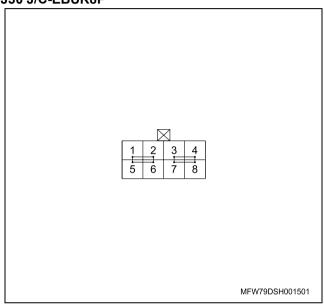


PIN No.	Connection
1	Front Fog Light (LH)
2	Front Turn Signal Light (LH)

# 9D-58 Wiring System (RHD model)

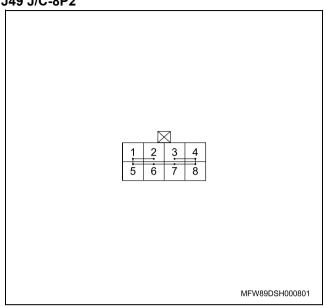
PIN No.	Connection
3	Clearance Light (LH)
4	Headlight (LH)
5	_
6	J/C-EA 10P2 (7)
7	Headlight Leveling Actuator (LH)
8	J/C-EA 10P2 (9)

### J30 J/C-EBUR8P



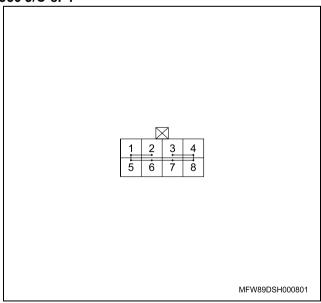
PIN No.	Connection
1	Front Fog Light (RH)
2	Front Turn Signal Light (RH)
3	Clearance Light (RH)
4	Headlight (RH)
5	_
6	W/S-16
7	Headlight Leveling Actuator (RH)
8	W/S-16

### J49 J/C-8P2



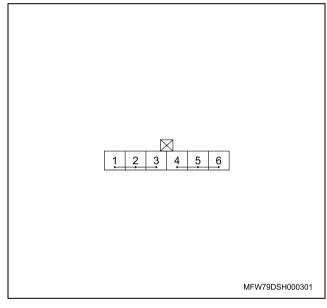
PIN No.	Connection	
1	W/S-B	
2	J/C-8P1(6)	
3	Wheel Parking Brake Switch	
4	Inter Differential Lock Magnetic Valve	
5	_	
6	Air Pressure Switch 1	
	Air Pressure Switch	
7	_	
8	Brake Wear Indicator (Rear-RH)	

### J50 J/C-8P1



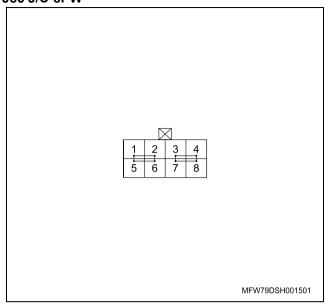
PIN No.	Connection	
1	_	
2	Rear Combination Light (LH)	
2	Backup Light Switch	
3	Rear Combination Light (RH)	
	Back Buzzer or Voice Warning Speaker	
4	License Plate Light	
5	_	
6	J/C-8P2 (2)	
7	Tail Spare (LH) GND	
8	Tail Spare (RH) GND	

### J57 J/C-RH6P4



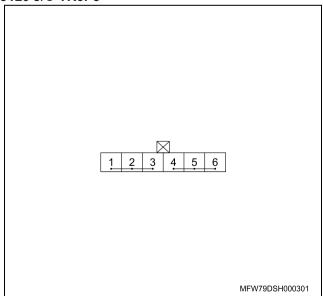
PIN No.	Connection
1	J/C-8P2 (3)
2	Air Suspension Magnetic Valve
3	Air Suspension Buzzer
4	Air Low Pressure Switch
5	Remote Control (External)
6	_

### J86 J/C-8PW



PIN No.	Connection	
1	Stay Lock Switch	
2	Cab Power Tilt Switch	
3	Junction Block 2	
4	Cab Power Tilt Relay	
5	Up Switch	
6	Cab Power Tilt Buzzer	
7	Cab Power Tilt Buzzer	
8	_	

### J129 J/C-TR6P8

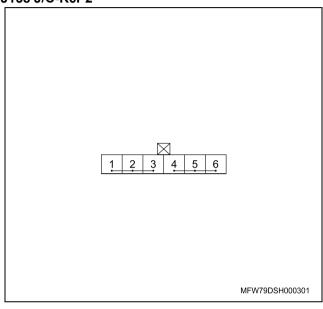


PIN No.		Connection
1	J/C-5 (2)	

# 9D-60 Wiring System (RHD model)

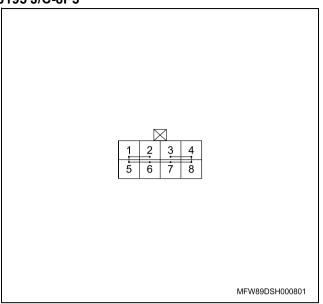
PIN No.	Connection
2	Shield
3	Shield
4	_
5	_
6	_

### J138 J/C-R6P2



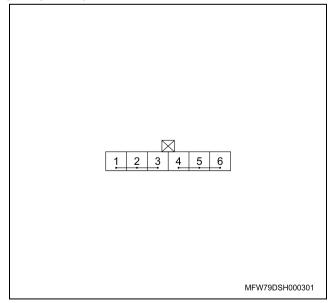
PIN No.	Connection
1	J/C-30P1 (19)
2	Rear Combination Light (LH)
3	Rear Combination Light (RH)
4	Backup Light (LH)
5	Backup Light (RH)
6	J/C-30P1 (14)

### 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

PIN No.	Connection
2	Cab Power Tilt Relay
3	Cab (Front-LH)
4	Up Down Switch
5	Cab Power Tilt Switch
6	Diode 13

# LNW89DSH000101

### F1 J/C-10

PIN No.	Connection
1	Front Door Switch (LH) (Crew Cab)
2	Rear Door Switch (RH) (Crew Cab)
3	Junction Block 2
4	Rear Door Switch (LH) (Crew Cab)

### F26 CAN Joint 4P6A

PIN No.	Connection
1	J/C-CAN 4P3A (3)
2	J/C-CAN 4P2A (1)
3	Shift Selector (A/T)
4	_

### F27 CAN Joint 4P6B

PIN No.	Connection
1	J/C-CAN 4P3B (3)
2	J/C-CAN 4P2B (1)
3	Shift Selector (A/T)
4	_

### FB119 J/C-11

PIN No.	Connection
1	All Speed Accel Sensor
2	ECM
3	_
4	J/C-APS1G (1)

### FB120 J/C-13

PIN No.	Connection
1	ECM
2	MAF & IAT Sensor
3	J/C-APS2G (1)
4	_

### FB121 J/C-5

PIN No.	Connection
1	J/C-Shield (1)
2	J/C-TR6P8 (1)
3	J/C-Shield (2)
4	_

### FB122 J/C-8

PIN No.	Connection
1	All Speed Accel Sensor
2	ECM
3	J/C-APS1D (4)
4	_

### FB123 J/C-9

PIN No.	Connection
1	All Speed Accel Sensor
2	ECM
3	J/C-APS1V (1)
4	

### FL81 J/C-APS1D

PIN No.	Connection
1	Shield
2	Shield
3	_
4	J/C-8 (3)

### 9D-62 Wiring System (RHD model)

### FL83 J/C-APS1G

PIN No.	Connection
1	J/C-11 (4)
2	Cruise Switch
3	Accelerator Pedal Position (APP) Sensor
4	Idle Up Volume

### FL84 J/C-APS1V

PIN No.	Connection
1	J/C-9 (3)
2	_
3	Accelerator Pedal Position (APP) Sensor
4	Idle Up Volume

### FL85 J/C-APS2G

PIN No.	Connection
1	J/C-13 (3)
2	_
3	Accelerator Pedal Position (APP) Sensor
4	Barometric Pressure (BARO) Sensor

### FL86 J/C-APS2V

PIN No.	Connection
1	ECM
2	_
3	Accelerator Pedal Position (APP) Sensor
4	Barometric Pressure (BARO) Sensor

### **FL117 J/C-LAN 4P1A**

PIN No.	Connection
1	J/C-LAN 4P2A (3)
2	Immobilizer C/U
3	ECM
4	_

### **FL118 J/C-LAN 4P1B**

PIN No.	Connection
1	J/C-LAN 4P2B (3)
2	Immobilizer C/U
3	ECM

PIN No.	Connection
4	_

### **FL119 J/C-CAN 4P2A**

PIN No.	Connection
	IP Cluster
1	J/C-CAN 4P3A (3)
1	J/C-CAN 4P5B (1)
	CAN Joint 4P6A (2)
2	ВСМ
3	DRM
4	J/C-CAN 6P1 (4)
	J/C-CAN 6P2 (4)

### **FL120 J/C-CAN 4P2B**

PIN No.	Connection
1	IP Cluster
	J/C-CAN 4P3B (3)
'	J/C-CAN 4P5A (1)
	CAN Joint 4P6B (2)
2	ВСМ
3	DRM
4	J/C-CAN 6P1 (1)
_	J/C-CAN 6P2 (1)

### FU19 J/C-LAN 4P2A

PIN No.	Connection
1	TCM (A/T)
	Terminator 2
2	Data Link Connector
3	J/C-LAN 4P1A (1)
4	_

### FU20 J/C-LAN 4P2B

PIN No.	Connection
1	TCM (A/T)
	Terminator 2
2	Data Link Connector
3	J/C-LAN 4P1B (1)
4	_

### FU21 J/C-CAN 4P3A

PIN No.	Connection
1	ТСМ
2	IP Cluster
3	J/C-CAN 4P2A (1)
4	_

### **FU194 J/C-CAN 4P5A**

PIN No.	Connection
1	J/C-CAN 4P2B (1)
2	Air Suspension C/U
3	IP Cluster
4	ABS/ASR C/U

### FU22 J/C-CAN 4P3B

PIN No.	Connection
1	ТСМ
2	IP Cluster
3	J/C-CAN 4P2B (1)
4	_

### **FU195 J/C-CAN 4P5B**

PIN No.	Connection
1	J/C-CAN 4P2A (1)
2	Air Suspension C/U
3	IP Cluster
4	ABS/ASR C/U

### FU87 J/C-25

PIN No.	Connection
1	Mode Actuator
2	Mix Actuator
3	Auto A/C C/U
4	Solar Radiation Sensor

### FU210 J/C-99

PIN No.	Connection
1	IP Cluster
2	HSA C/U (17)
3	Air Suspension C/U (1)
4	ECM (19)

### FU174 J/C-2

PIN No.	Connection
1	J/C-6PA2 (1)
2	Speed Sensor Control Unit
3	IP Cluster
4	_

### **FU225 J/C-Service Terminal**

PIN No.	Connection
1	Service Terminal (3)
2	ECM(8)
3	Tachograph (9)
4	_

### FU176 J/C-7

PIN No.	Connection
1	Junction Block 2
2	Clutch Switch (PTO)
3	Transfer Clutch Switch
4	_

### G4 J/C-3

PIN No.	Connection
1	Junction Block 1
2	Fluorescent Light
3	Dome Light
4	Rear Dome Light

### FU185 J/C-Shield

PIN No.	Connection
1	J/C-5 (1)
2	J/C-5 (3)
3	W/S-3
4	_

### G5 J/C-33

PIN No.	Connection
1	_
2	Dome Light Switch
3	Junction Block 1
4	Dome Light

### 9D-64 Wiring System (RHD model)

### G8 J/C-Marker 1

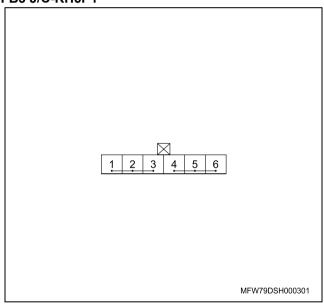
PIN No.	Connection
1	Junction Block 2
2	_
3	Roof-Mounted Clearance Light 2
4	Roof-Mounted Clearance Light 1

### G9J/C-Marker 2

PIN No.	Connection
1	Roof-Mounted Clearance Light 1
2	Roof-Mounted Clearance Light 2
3	J/C-EB30P (1)
4	_

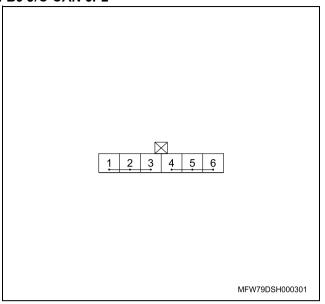
### Indonesia

### FB3 J/C-RH6P1



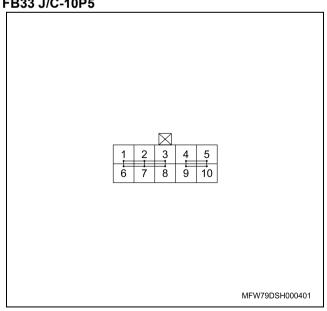
PIN No.	Connection
1	IP Cluster
2	Air Pressure Sensor 1
3	Air Pressure Sensor 2
4	IP Cluster
5	Air Pressure Sensor 1
6	Air Pressure Sensor 2

### FB9 J/C-CAN 6P2



PIN No.	Connection
1	J/C-CAN 6P1 (2)
	J/C-CAN 4P2B (4)
2	Terminator (6HK1)
3	ECM
4	J/C-CAN 6P1 (5)
	J/C-CAN 4P2A (4)
5	Terminator (6HK1)
6	ECM

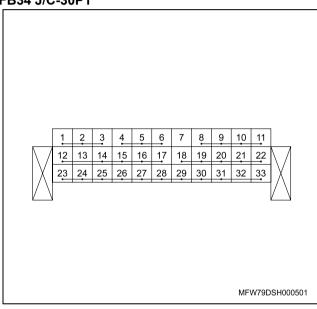
### FB33 J/C-10P5



PIN No.	Connection
1	ECM Main Relay

PIN No.	Connection
2	Fuse ; ECM Main
3	_
4	_
5	_
6	ECM
7	ECM
8	_
9	_
10	_

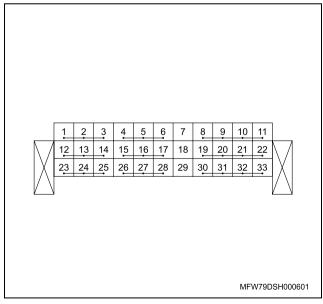
### FB34 J/C-30P1



Connection
Starter Relay (4HK1)
Starter Relay (6HK1)
Fuse ; Starter
ECM
Starter Cut Relay
Starter Relay (4HK1)
Starter Relay (6HK1)
_
_
ECM
Junction Block 2
_
_
Backup Light Switch

PIN No.	Connection
13	_
14	J/C-R6P2 (6)
15	Junction Block 1
16	Back Buzzer
17	_
18	Stoplight Relay
19	J/C-R6P2 (1)
20	_
21	_
22	_
23	Fuse ; ECM Main
24	Starter Cut Relay
25	Exhaust Brake Magnetic Valve
26	_
27	_
28	_
29	_
30	_
31	_
32	_
33	_

### FB35 J/C-30P2

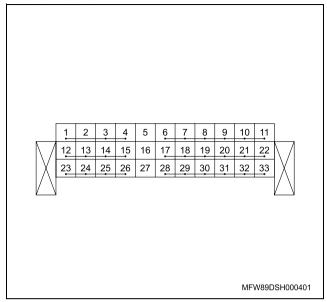


PIN No.	Connection
1	_
2	ECM

### 9D-66 Wiring System (RHD model)

PIN No.	Connection
3	Neutral Switch
	Starter Cut Relay (A/T)
4	J/C-20PB2 (6)
5	Stoplight Switch 2
6	ECM
7	_
8	ECM
9	Exhaust Differential Pressure Sensor
10	Exhaust Temperature Sensor 2
11	Exhaust Temperature Sensor 1
12	_
13	_
14	_
15	ECM Main Relay
16	ECM
17	ECM
18	_
19	ECM
20	IAT Sensor
21	_
22	_
23	_
24	_
25	_
26	_
27	_
28	_
29	_
30	Air Flow Sensor3
31	Air Flow Sensor3
32	_
33	_

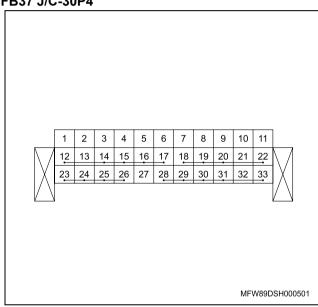
### FB36 J/C-30P3



PIN No.	Connection
1	ECM
2	Starter Cut Relay
3	_
4	_
5	_
6	Junction Block 2
7	Backup Light Switch
8	_
9	_
10	_
11	_
12	_
13	A/C Compressor
14	ECM
15	Diode 3
16	_
17	Junction Block 1
18	_
19	Rear Combination Light (LH)
20	_
21	_
22	_
23	_
24	Air Low Pressure Switch(Out)
25	Air Low Pressure Switch(Out)

PIN No.	Connection
26	_
27	_
28	IP Cluster
20	Flasher Unit
29	_
30	Rear Combination Light (RH)
31	_
32	_
33	_

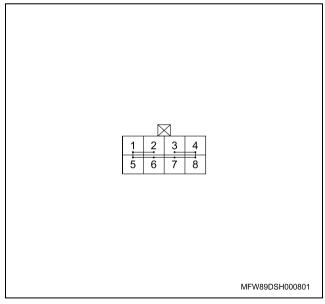
### FB37 J/C-30P4



PIN No.	Connection
1	_
2	_
3	_
4	IP Cluster
5	Water Separator Switch
6	_
7	_
8	_
9	_
10	_
11	_
12	Fuse ; Taillight
13	_
14	J/C-8P3 (1)

PIN No.	Connection
15	_
16	_
17	_
	PTO Main Relay
18	Diode 2
	IP Cluster
19	PTO Magnetic Valve
20	_
21	_
22	ECM
23	IP Cluster
24	Fuel Tank Unit (LH)
25	Fuel Tank Unit (Rear)
26	_
27	_
28	_
29	_
30	_
31	_
32	_
33	_

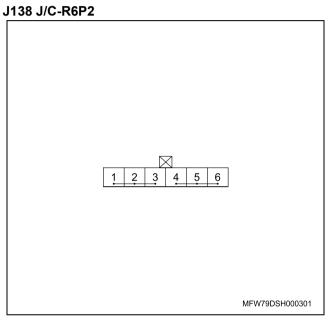
### J50 J/C-8P1



PIN No.	Connection
1	_
2	Rear Combination Light (LH)

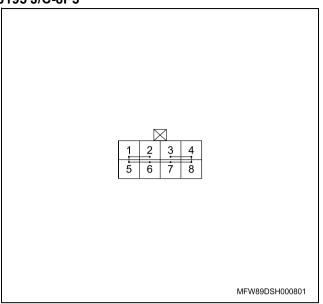
# 9D-68 Wiring System (RHD model)

PIN No.	Connection
3	Rear Combination Light (RH)
	Back Buzzer or Voice Warning Speaker
4	License Plate Light
5	_
6	Weld Splice B
7	_
8	Tail Spare (RH) GND

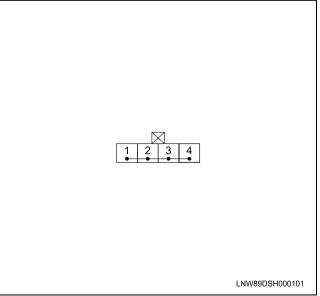


PIN No.	Connection
1	J/C-30P1 (19)
2	Rear Combination Light (LH)
3	Rear Combination Light (RH)
4	Backup Light (LH)
5	Backup Light (RH)
6	J/C-30P1 (14)

### 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	_



### FB119 J/C-11

PIN No.	Connection
1	All Speed Accel Sensor

PIN No.	Connection			
2	ECM			
3		_		
4	Idle Up Volur	ne		
4	Accelerator Sensor	Pedal	Position	(APP)

### FB120 J/C-13

PIN No.	Connection
1	ECM
2	IAT Sensor
3	Barometric Pressure(BARO) Sensor
	Accelerator Pedal Position (APP) Sensor
4	_

### FB122 J/C-8

PIN No.	Connection
1	Shield Line
2	ECM
3	Shield Line
4	_

### FB123 J/C-9

PIN No.	Connection
1	All Speed Accel Sensor
2	ECM
3	Barometric Pressure(BARO) Sensor
	Accelerator Pedal Position (APP) Sensor
4	_

### G5 J/C-33

PIN No.	Connection
1	_
2	_
3	Door Switch (RH)
4	Dome Light

### G8 J/C-Marker 1

PIN No.	Connection
1	Cab Junction Block
2	_

PIN No.	Connection
3	Roof-Mounted Clearance Light 2
4	Roof-Mounted Clearance Light 1

### G9J/C-Marker 2

PIN No.	Connection
1	Roof-Mounted Clearance Light 1
2	Roof-Mounted Clearance Light 2
3	GND (Cab Front LH-Side)
4	

### **Reference Table of Weld Splice Except Indonesia**

Connector No.	No. Usage
W/S-2	ISRI Seat Belt Switch
	Driver Pre-tensioner and Seat Belt Switch
	Seat Belt Switch
	J/C-EB 30P (30)
	Stay Lock Switch
	Parking Brake Switch
	Wheel Parking Brake Switch
	Wheel Parking Brake Switch
	Shift Lever Switch
	Shift Lever Switch
	Remote Control (Internal)
	Shift Selector
	Remote Control Mirror Switch (Door)
	Remote Control Mirror Switch (Under)
	Remote Control Mirror Switch (Door)
	Mirror Remote Control Switch (Under)
W/S-3	Transmission Control Module (TCM)
	J/C-Shield (3)
	J/C-EA 10P1 (1)

# 9D-70 Wiring System (RHD model)

Connector No.	No. Usage										
	IP Cluster										
	Brake Fluid Level Switch										
	Air Master Stroke Switch 1										
W/S-4	Air Master Stroke Switch 2										
	Air Master Stroke Switch 5 (Euro2 FSS, FTS)										
	Air Master Stroke Switch 2 (Euro2 FSS,FTS)										
	Rear Power Window Relay										
	Rear Power Window Switch RH										
W/S-5	Rear Power Window Switch RH (Instrument Panel)										
	Rear Power Window Switch LH										
	Rear Power Window Switch LH (Instrument Panel)										
	Cab Junction Block										
W/S-7	SBF12										
	Fuse Block 1										
	Gear Shifter Relay										
W/S-9	Gear Shifter Relay										
W/O-3	SBF7										
	SBF7										
	Junction Block 1										
W/S-10	Parking Brake Switch										
	Wheel Parking Brake Switch										
	Wheel Parking Brake Switch										
	SBF2										
W/S-11	Cab Power Tilt Relay										
	Starter Relay (4HK1)										
	Starter Relay (6HK1)										

Connector No.	No. Usage
	Air Low Pressure Switch 1
	Air Low Pressure Switch 2
	Air Low Pressure Switch 3
	Air Low Pressure Switch 4
	Air Low Pressure Switch WPA1
	Air Low Pressure Switch
	W/S-F
	W/S-F
W/S-12	W/S-F
	Brake Fluid Level Switch
	Air Master Stroke Switch 1
	Air Master Stroke Switch 2
	Air Master Stroke Switch 5 (Euro2 FSS,FTS)
	Air Master Stroke Switch 6 (Euro2 FSS,FTS)
	Air Flow Sensor
	Auto-Air Conditioner C/U
	Mode Actuator
	Mix Actuator
W/S-13	Coolant Temperature Sensor
	Evaporator Temperature Sensor
	Outside Air Temperature Sensor
	Inside Air Temperature Sensor
	Heater A/C Control Panel
W/S-14	Blower Resistor
	Blower Motor
	Cab Junction Block
W/S-15	Washer Motor
	Wiper Motor

Connector No.	No. Usage
	Headlight (RH)
	J/C-EA 10P1 (5)
	J/C-EBUR8P (6)
	J/C-EBUR8P (8)
	DC-DC Converter
	DC-DC Converter
M//O 40	Headlight Leveling Switch
W/S-16	Headlight Leveling Switch
	Headlight Leveling Actuator (RH)
	Headlight Leveling Actuator (LH)
	Headlight (RH) (High Halogen)
	Headlight (RH) (Low HID)
	Headlight (LH) (High Halogen)
	Headlight (LH) (Low HID)
	Junction Block 2
	IP Cluster
	J/C-30P3 (25)
W/S-17	Air Low Pressure Switch 1
	Air Low Pressure Switch 2
	Air Low Pressure Switch 3
	Air Low Pressure Switch WPA1
	Cab Junction Block
W/S-20	Wiper Motor
	Intermittent Relay
	Mirror Heater Switch
W/S-21	Mirror Heater Switch
	Remote Control Mirror with Heater (RH)
	Cab Junction Block
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Remote Control Mirror Switch
W/S-23	Retractable Power Mirror Switch
	Retractable Power Mirror C/U
	Cab Junction Block
	Front Fog Light (RH)
W/S-24	Front Fog Light (LH)
	Front Fog Light Switch
	Remote Control Mirror Switch
W/S-25	Remote Control Mirror with Heater (RH)
	Remote Control Mirror with Heater (LH)

-)

# 9D-72 Wiring System (RHD model)

Connector No.	No. Usage
	Buzzer Cut Relay
	GND (Frame RH-Side)
	GND (Frame RH-Side)
W/S-C	Transfer Low Switch
W/S-C	Starter Cut Relay
	Trailer Socket
	PTO Magnetic Valve
	Center Differential Lock Magnetic Valve
	ECM Main Relay
	GND (Frame RH-Side)
	Neutral Switch
	Neutral Switch (Fuller)
	Neutral Switch (ZF)
	Neutral Switch (4WD,M/T)
W/S-D	W/S-F
W/3-D	Engine Control Module (ECM)
	GND (Cab Front-LH)
W/S-E	W/S-B
	GND (Frame RH-Side)

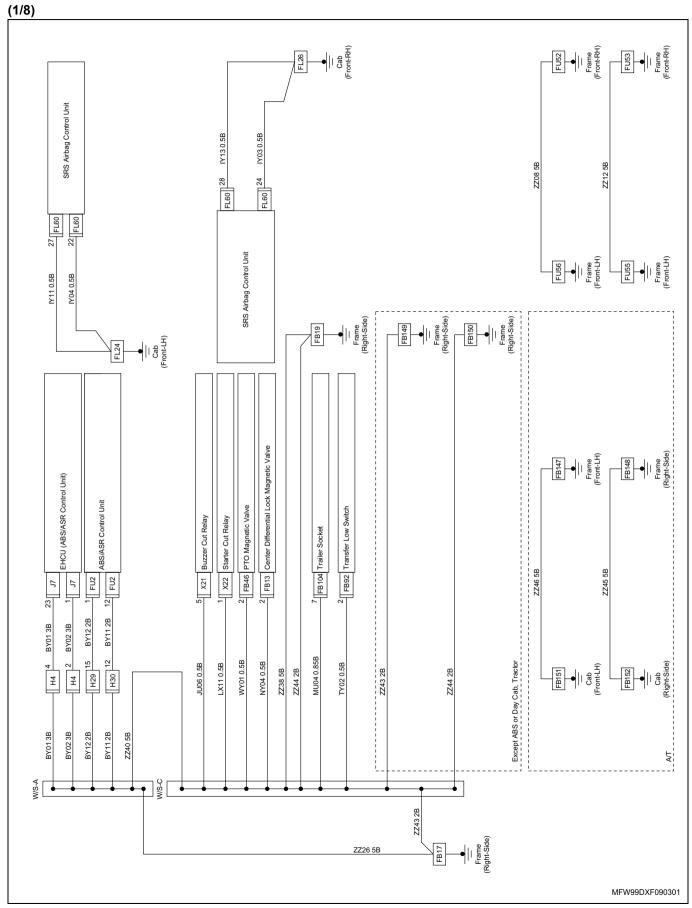
Connector No.	No. Usage
	IP Cluster
	IP Cluster (Except ABS)
	IP Cluster (Except Brake Wear Indicator)
	Stoplight Switch 2
	GND (Frame RH-Side)
	Fuel Tank Unit (Rear)
W/S-F	Fuel Tank Unit (LH)
VV/3-1	W/S-12
	W/S-12
	W/S-12
	W/S-D
	Water Separator Switch
	Air Flow Sensor 2
	Air Flow Sensor 3

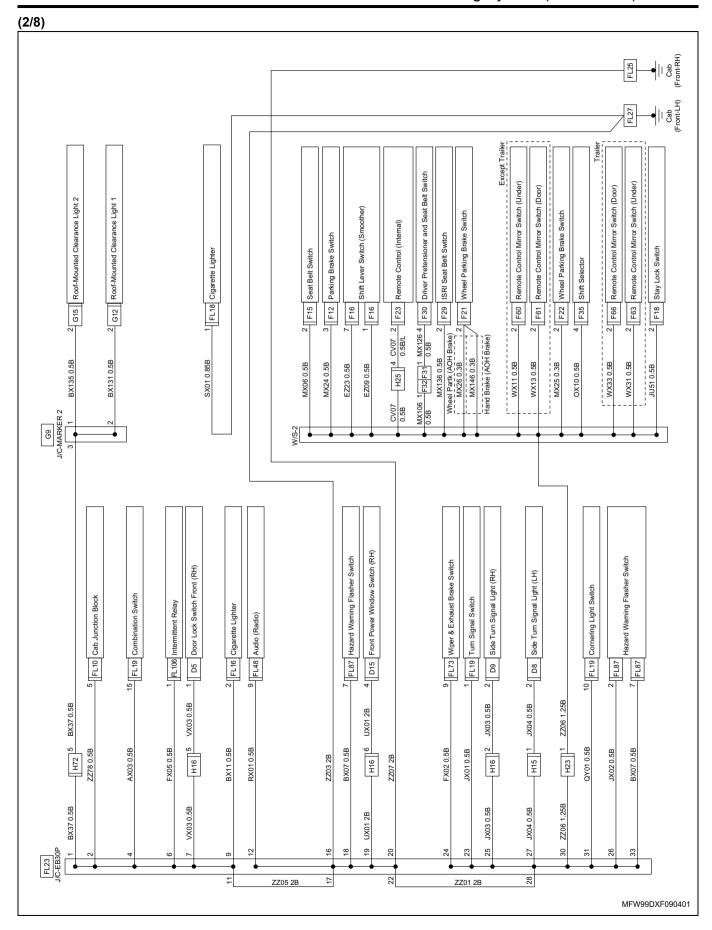
Connector No.	No. Usage
W/S-2	Seat Belt Switch
	IP Cluster
	Brake Fluid Level Switch
W/S-4	Air Master Stroke Switch 1
VV/3-4	Air Master Stroke Switch 2
	Air Master Stroke Switch 5
	Air Master Stroke Switch 6
	Air Low Pressure Switch 5
	Air Low Pressure Switch 6
W/S-12	Air Low Pressure Switch Out
VV/3-12	W/S-F
	Brake Fluid Level Switch
	Air Flow Sensor(FVM,FVZ)
	J/C-8P1 (6)
W/S-B	Diode 3
VV/G-D	GND (Frame RH-Side)
	GND (Frame RH-Side)

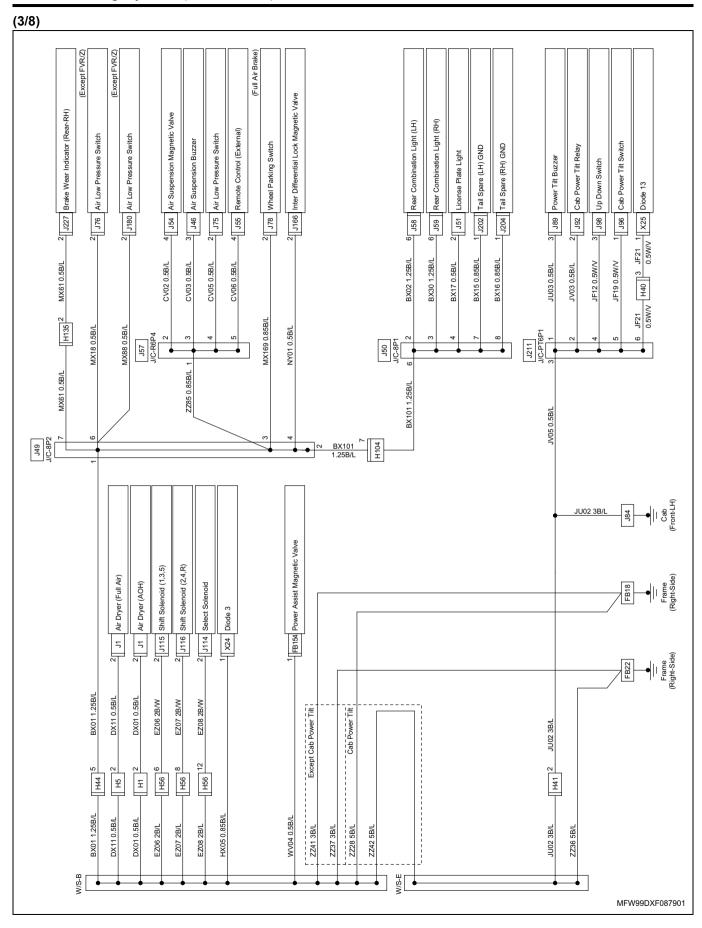
Connector No.	No. Usage
	Starter Cut Relay
	GND (Frame RH-Side)
W/S-C	GND (Frame RH-Side)
	Transfer Low Switch
	PTO Magnetic Valve
	ECM Main Relay
	GND (Frame RH-Side)
	Neutral Switch
	Neutral Switch (Fuller)
	Neutral Switch (ZF)
	Neutral Switch (M/T)
W/S-D	W/S-F
W/S-D	Engine Control Module (ECM)
	IP Cluster
	IP Cluster(Except ABS)
	Stoplight Switch 2
	GND (Frame RH-Side)
	Fuel Tank Unit (Rear)
W/S-F	Fuel Tank Unit (LH)
	W/S-12
	W/S-D
	Water Separator Switch
	Low Range Switch
	Air Flow Sensor 3

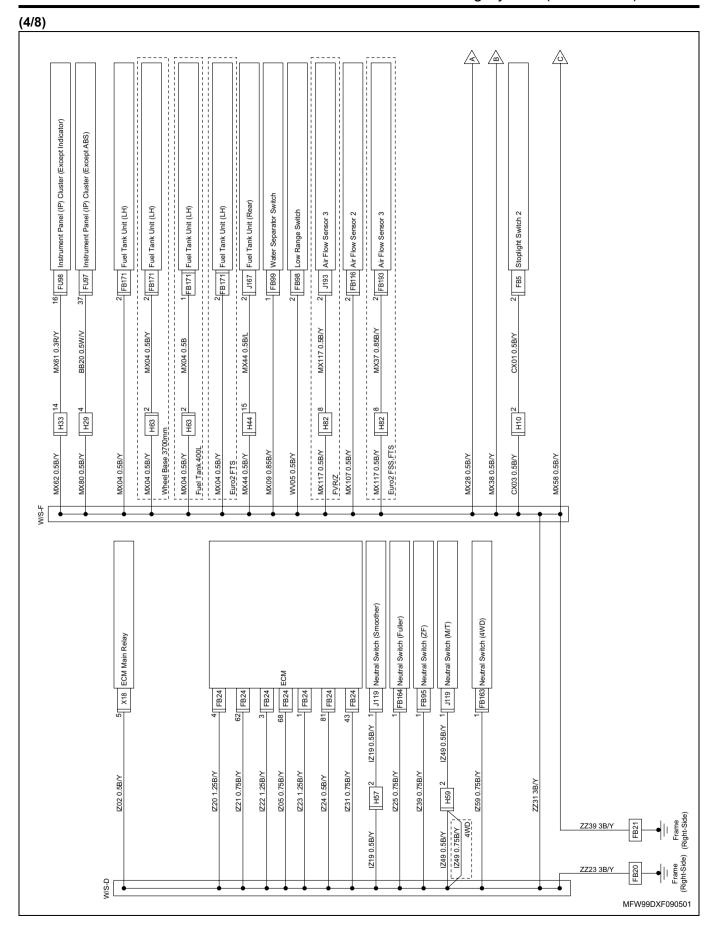
### **Grounding Point Circuit**

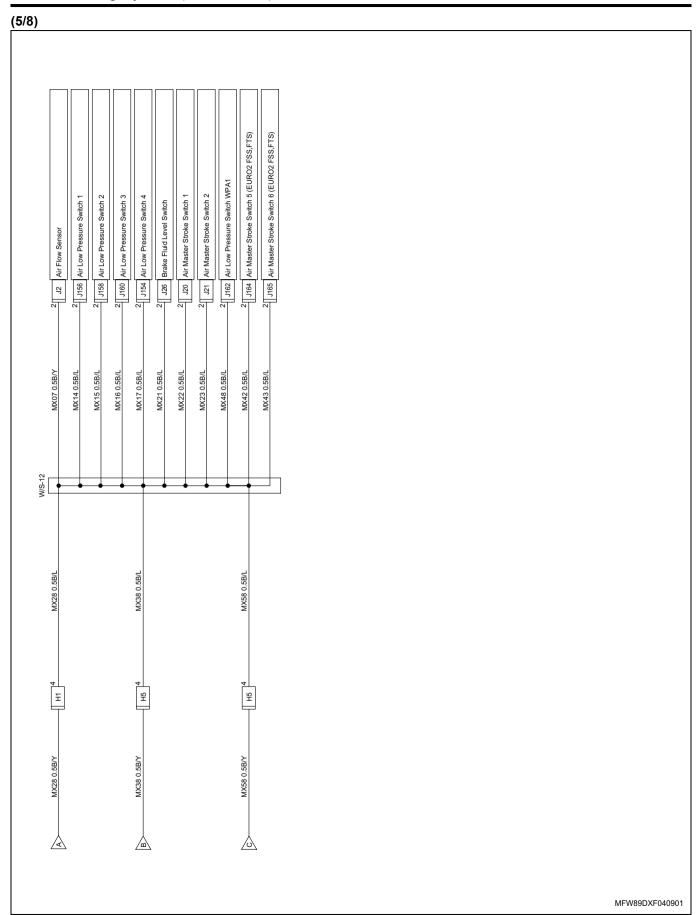
### **Except Indonesia**

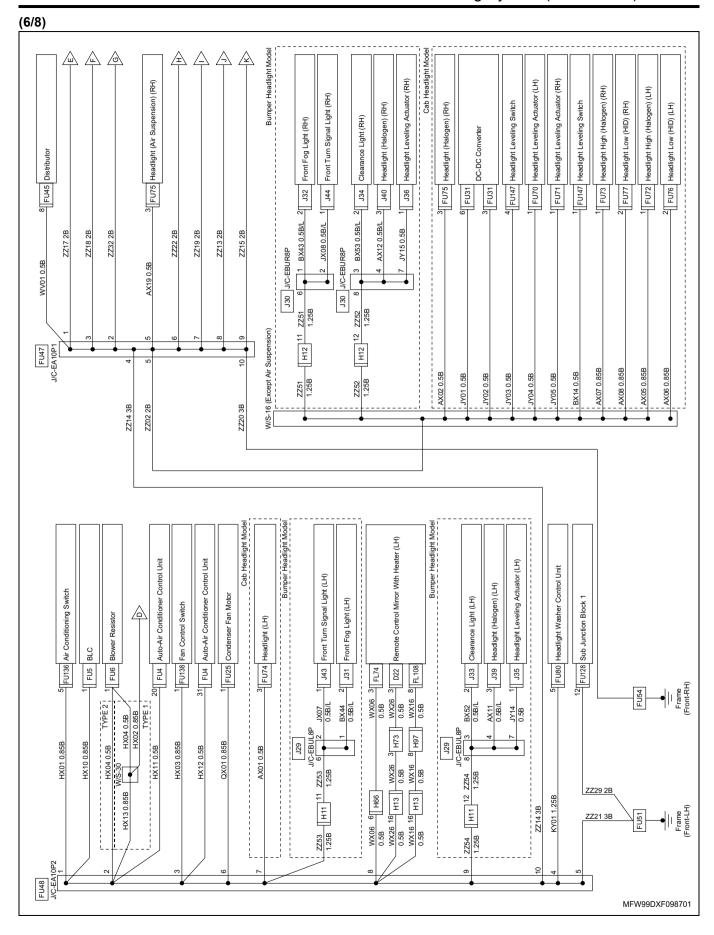




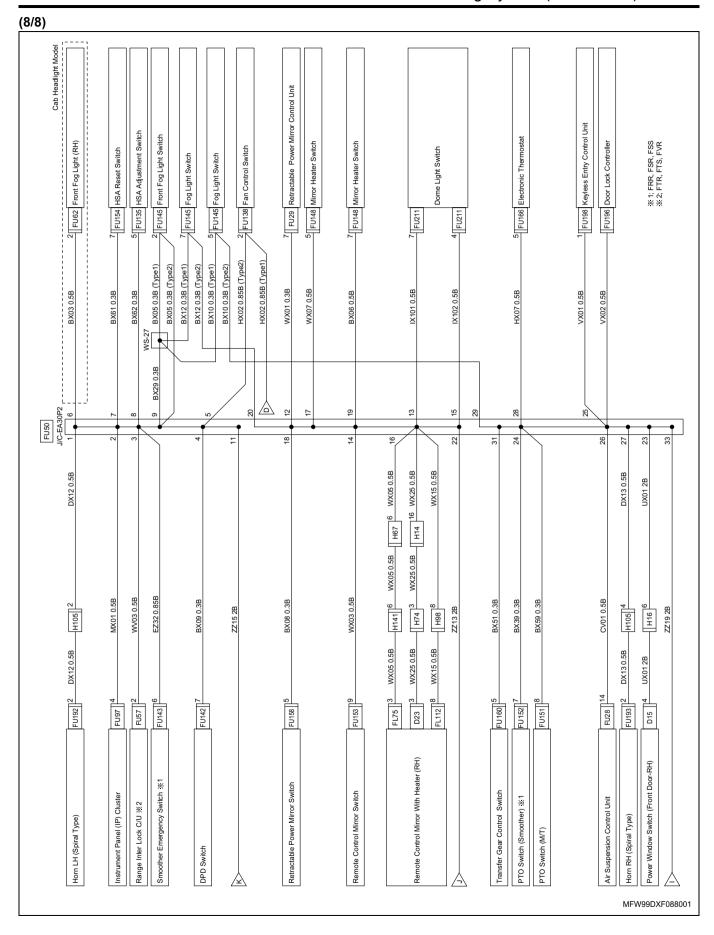


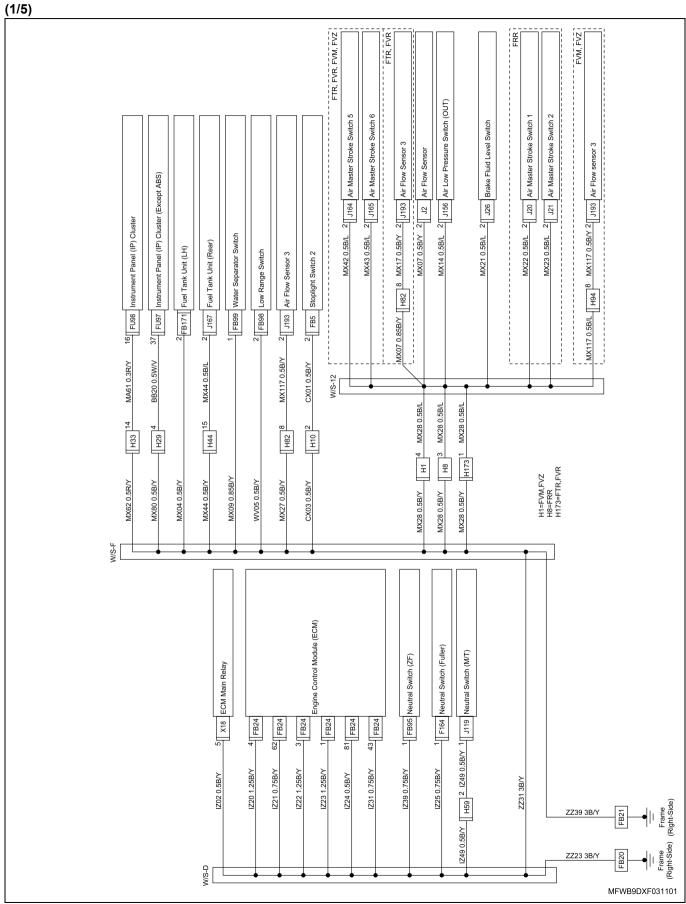


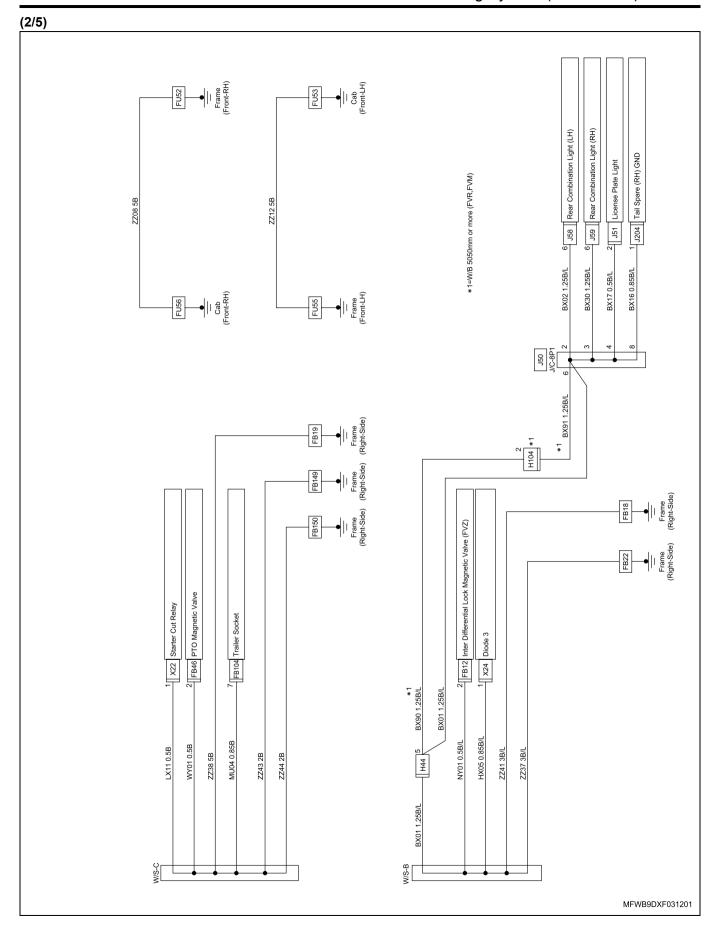


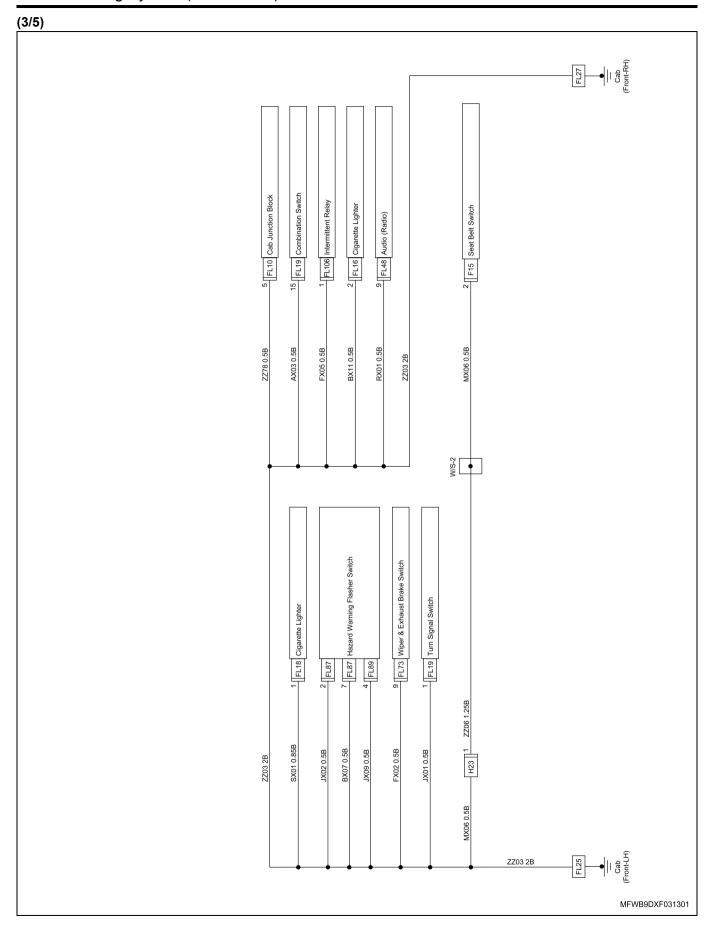


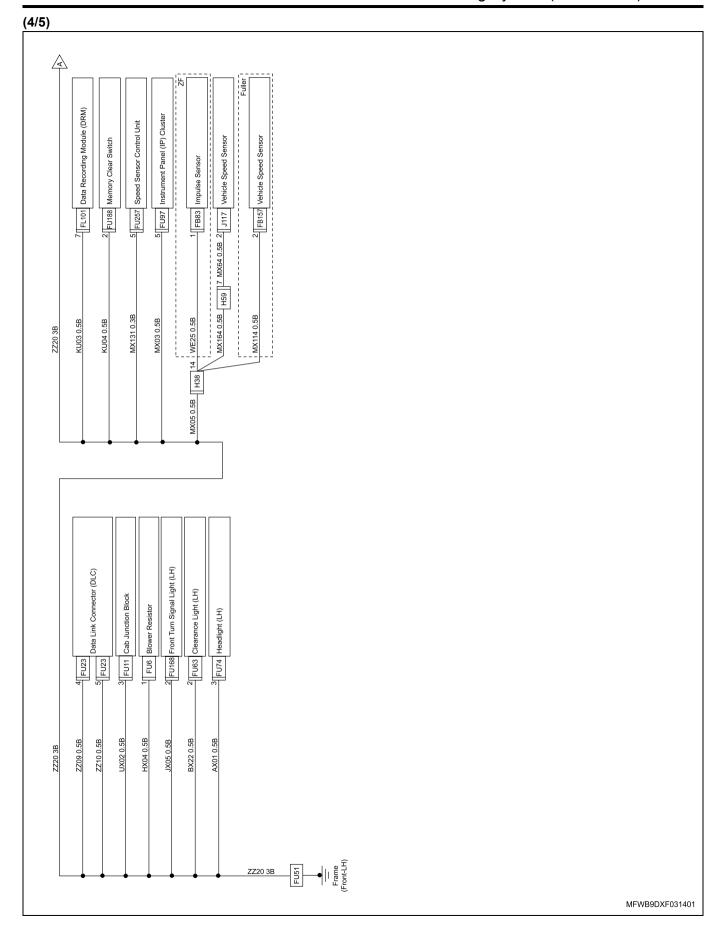
	1 E1105 TCM (Smoother)					FU23 Data Link Connector (DLC)	10 FU121 PTO Cut Relay	FU141 Inter Differential Lock (FVZ Only)	EU 159 Stoplight Switch1	FU139 Headlight Washer Switch		Speed Control Unit	FU11 Cab Junction Block	FU119 Condenser Fan Relay		FU140 Center Differential Lock Switch	FU146 Front Differential Switch (FSS/FTS Model)	10 FU119 PTO Main Relay	11 FU14 Cab Junction Block	Cab Headlight Model	PL063 Clearance Light (LH) ※1	FU64 Clearance Light (RH) ※1	7 FI DOR Critica Main Switch	FU160 Transfer Gear Control Switch	FU150 Power Window Switch (Rear Door-RH)	FU122 Trailer Flasher Relay	10 FU162 Power Window Lock Switch (For Rear Door)	
21 FU108	1	7 FU105				4 FU23 D	10 FU121 P	5 FU141	2 FU159 S	7 FU139 H	7 FU 123	4 FU123	3 FU11 O	7 FU119 C	1	5 FU140 C	2 FU146 F	10 FU119 P	11 FU14 C		2 FU63 C	2 FU64 C	7	5 FU160 T	1 FU150 P	4 FU122 T	10 FU162 P	
EZ29 1.25B	EZ30 1.25B	EZ31 1.25B				ZZ09 0.5B	WY04 0.3B	BX48 0.3B	CX02 0.5B	BX54 0.3B	TY01 0.5B	TY03 0.5B	UX02 0.5B	HX06 0.5B		BX50 0.3B	TY04 0.5B	WY10 0.3B	KY04 0.3B		BX22 0.5B	BX23 0.5B	BX24 0.5B	BX58 0.3B	UX07 1.25B	MU06 0.3B	UX06 0.5B	
•		•	•	•	FU49	2 6	3 7	88	6 4	-	5 12	11 13	15 17	18 19		15 16		16 20	22 14		23 25	24 26	33 28	27	30 31	239		
EZ70 0.5B	EZ03 1.25B	EZ27 1.25B	EZ28 1.25B	ZZ17 2B	Cab Headlight Model	BX04 0.5B	BX60 0.3B	WV02 0.5B	OX05 0.85B	FX01 0.85B	BX27 0.3B	ZZ22 2B	MU01 1.25B	TY05 0.3B	MU07 0.3B	CV08 0.3B		BY10 0.3B	ZZ182B		JX05 0.5B	JX06 0.5B	ZZ32 2B		UX03 1.25B	SX02 0.5B		
FU185	E11108	FU108 31	FU108	]   		FU61	FU143	FU58	FU163 69	FU68 6	FU146		FU30 10	FU120 8	FU122	FU95 1		FU137			FU168 2	FU170 2			FU149	FU224 5		
J/C SHIELD		TCM (Smoother)				Front Fog Light (LH) ※1	Smoother Emergency Switch	Gate Inter Lock C/U	TCM (A/T)	Wiper Motor	Front Differential Switch (FSS/FTS Model)		ABS Trailer Information	Transfer Low Relay	Trailer Information Relay1	Memory Clear Connector (Air Suspension)		ASR Off Switch %1			Front Turn Signal Light (LH) ※1	Front Turn Signal Light (RH)※ 1		Λ.	Power Window Switch (Rear Door-LH)	Service Terminal		

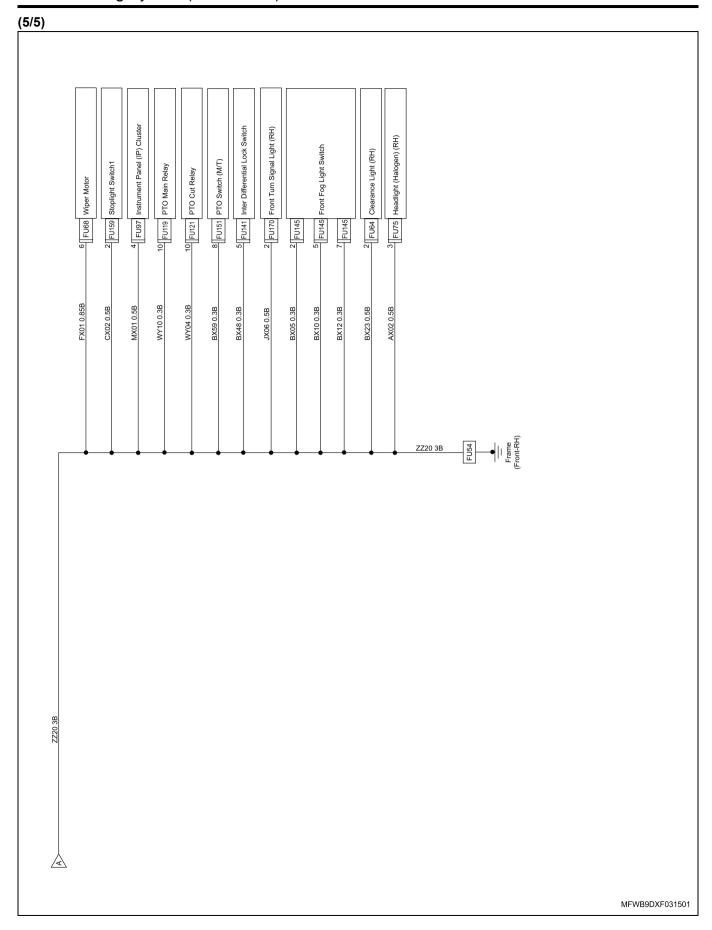




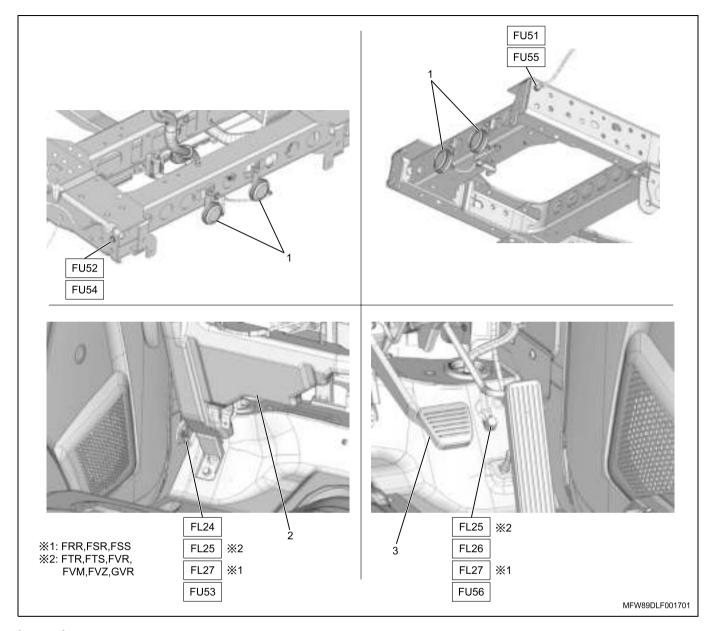








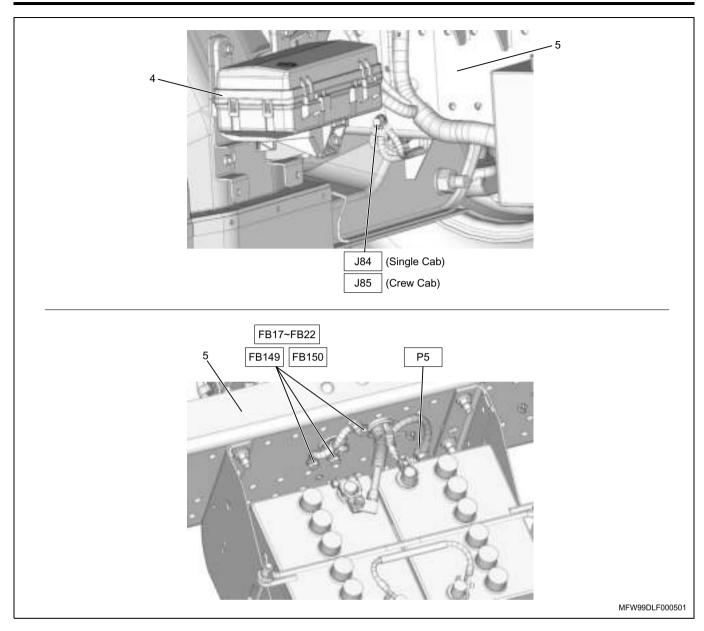
## **Ground Point Location**



### Legend

- 1. Horn
- 2. Front Washer Tank

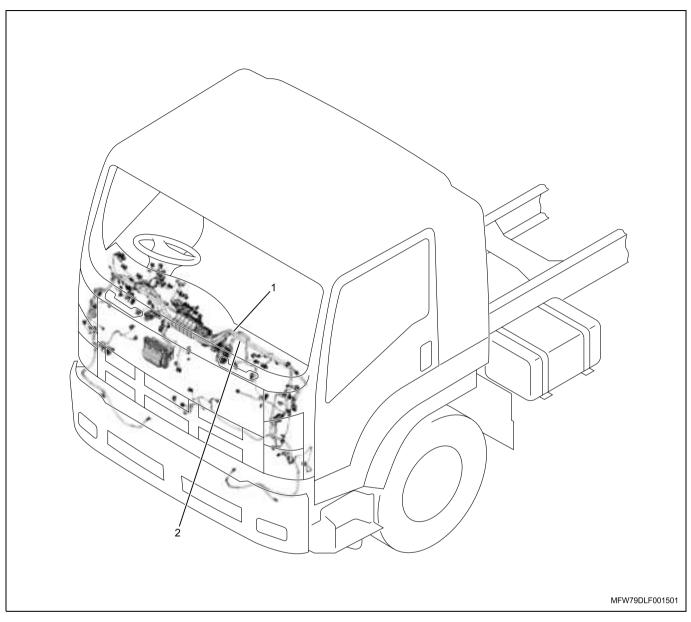
3. Brake Pedal



**Legend**4. Chassis Relay Box

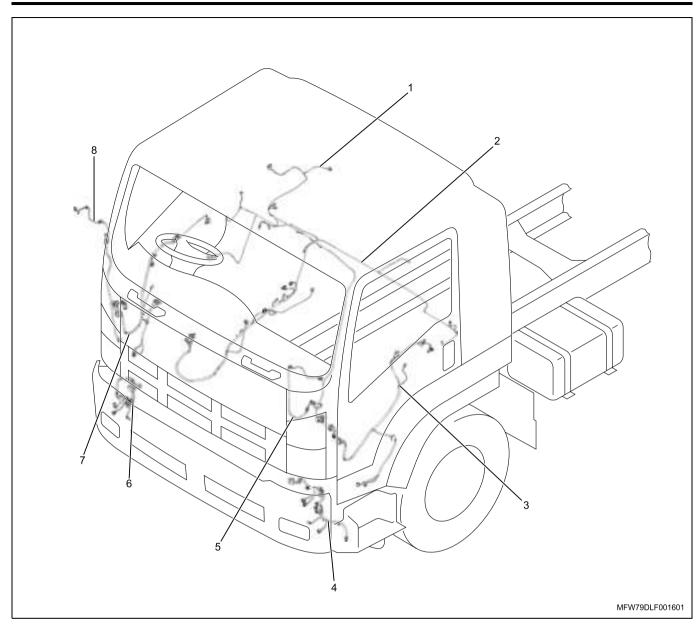
5. Right Side Member

# **Cable Harness Routing**



# Legend

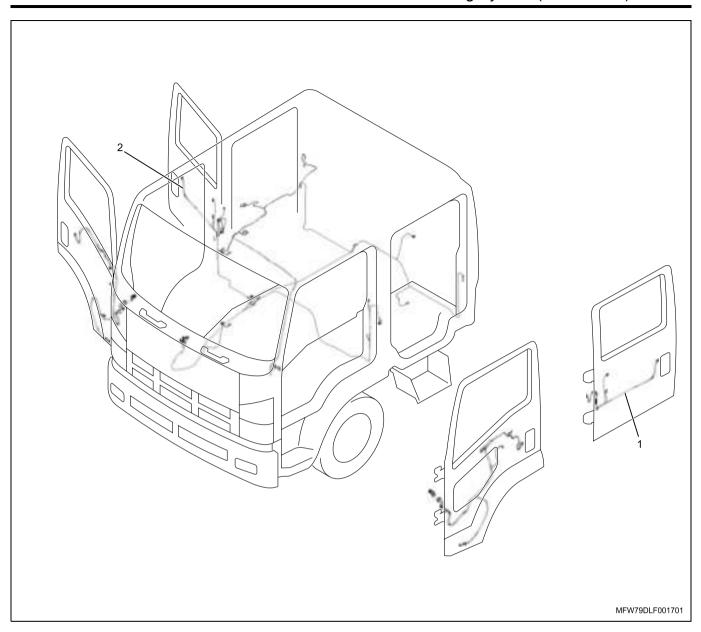
- 1. Instrument Panel (IP) Cluster Upper Harness
- 2. Instrument Panel (IP) Cluster Lower Harness



### Legend

- 1. Roof Harness
- 2. Floor Harness
- 3. Door Harness Left Side
- 4. Headlight Harness Left Side

- 5. Mirror Harness Left Side
- 6. Headlight Harness Right Side
- 7. Door Harness Right Side
- 8. Mirror Harness Right Side

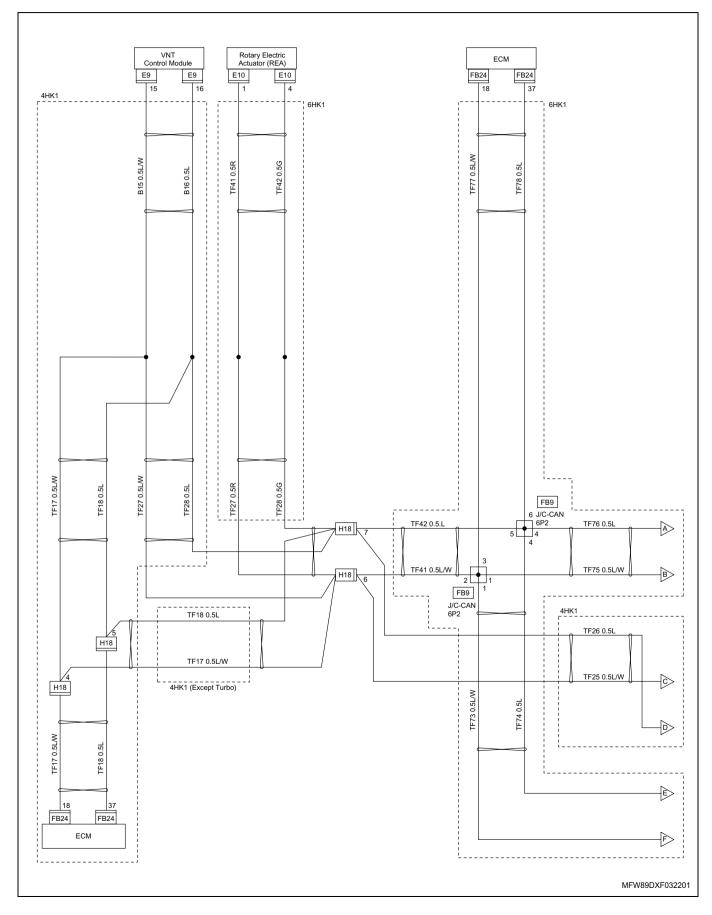


- Legend
  1. Door Harness Rear Left Side (Crew Cab)
- 2. Door Harness Rear Right Side (Crew Cab)

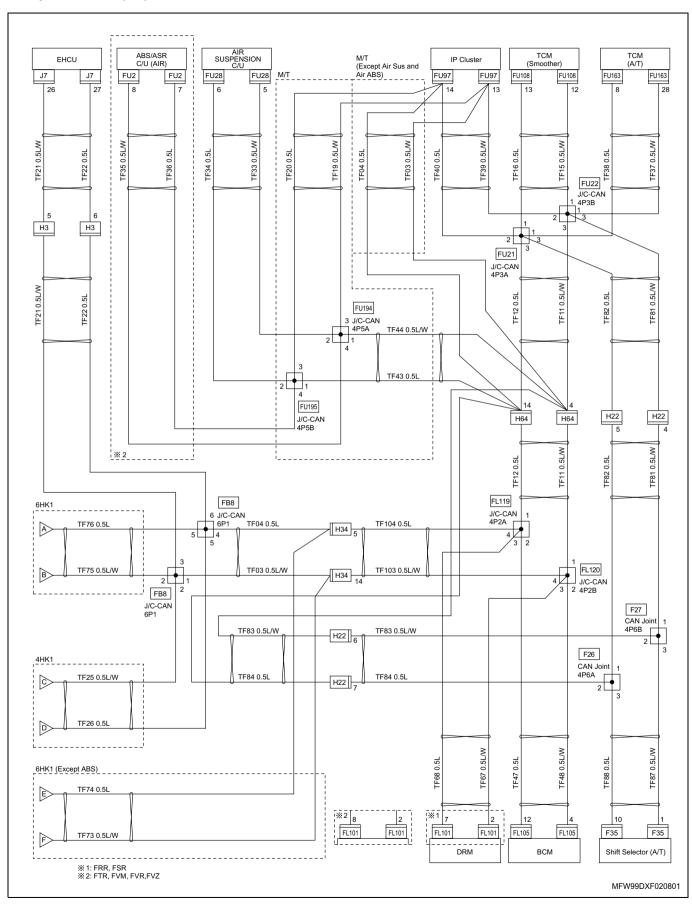
# **Controller Area Network (CAN)**

# **Circuit Diagram**

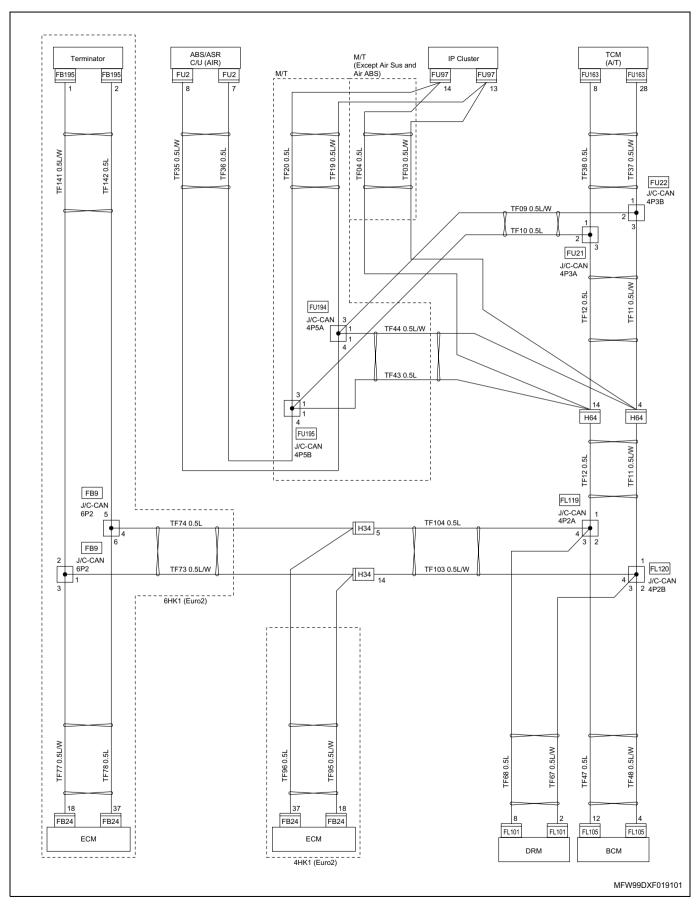
Except Indonesia (1/2)

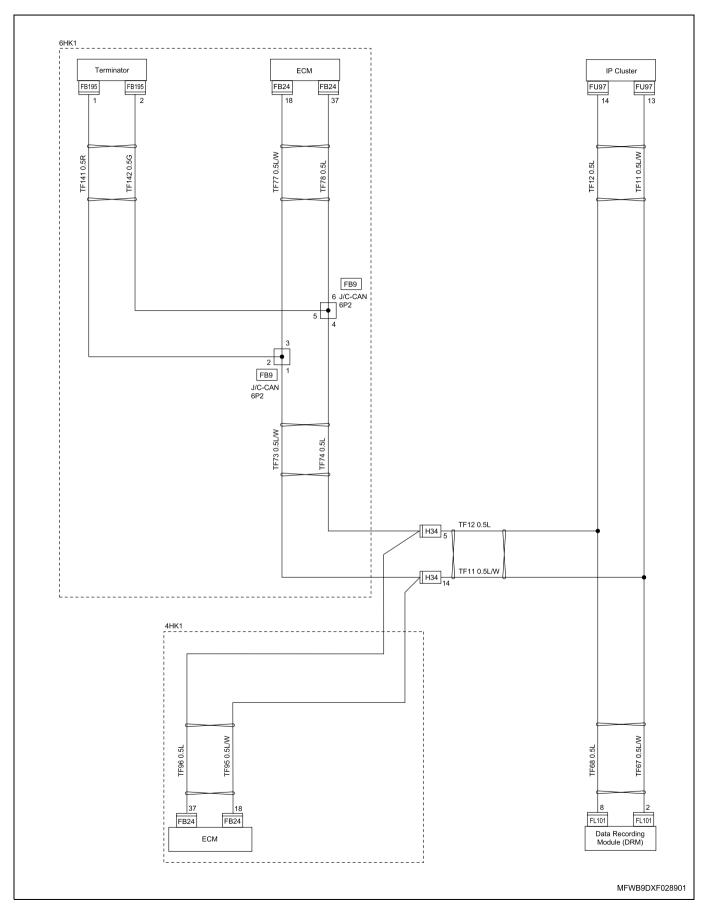


### Except Indonesia (2/2)



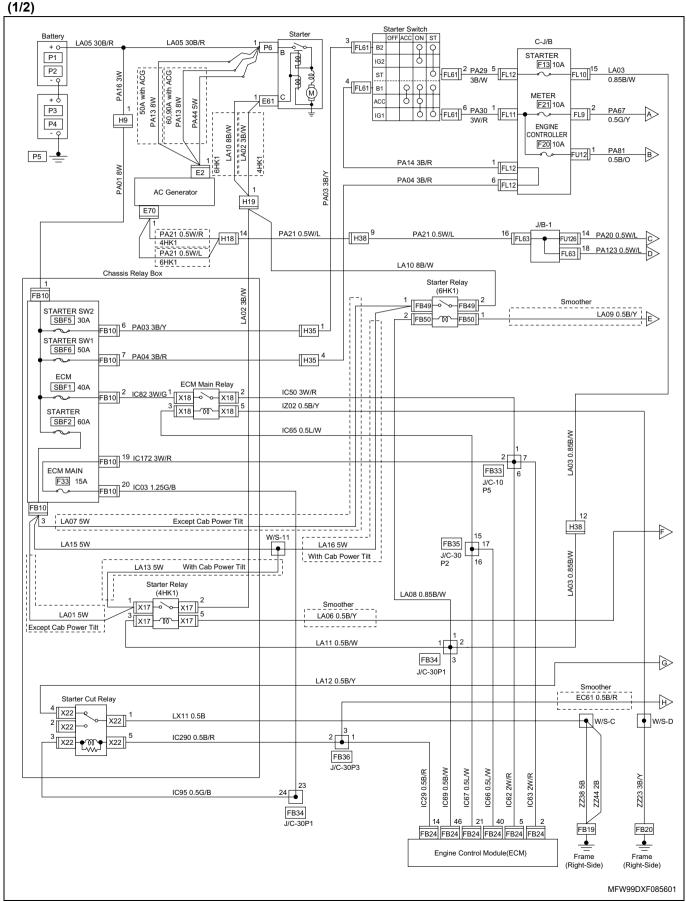
### **Except Indonesia Euro2**

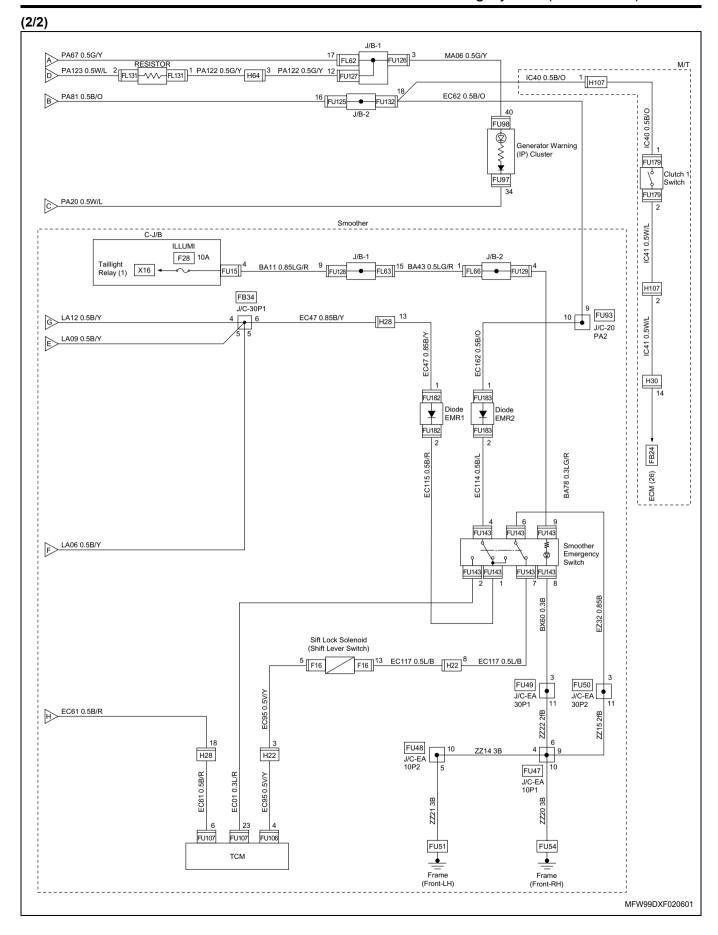


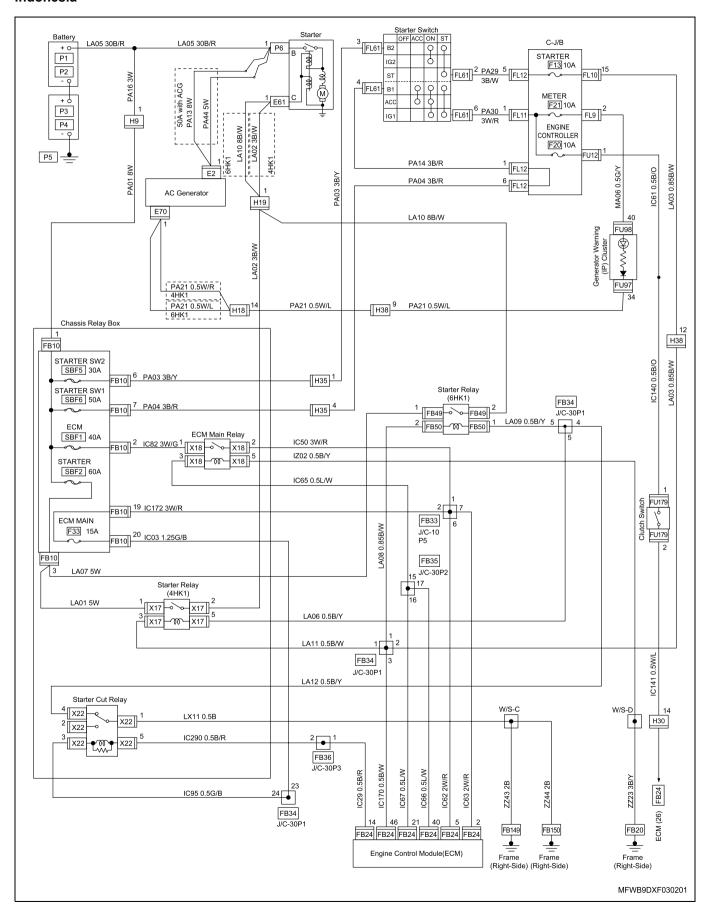


# **Starter and Charging**

# Circuit Diagram Except Indonesia

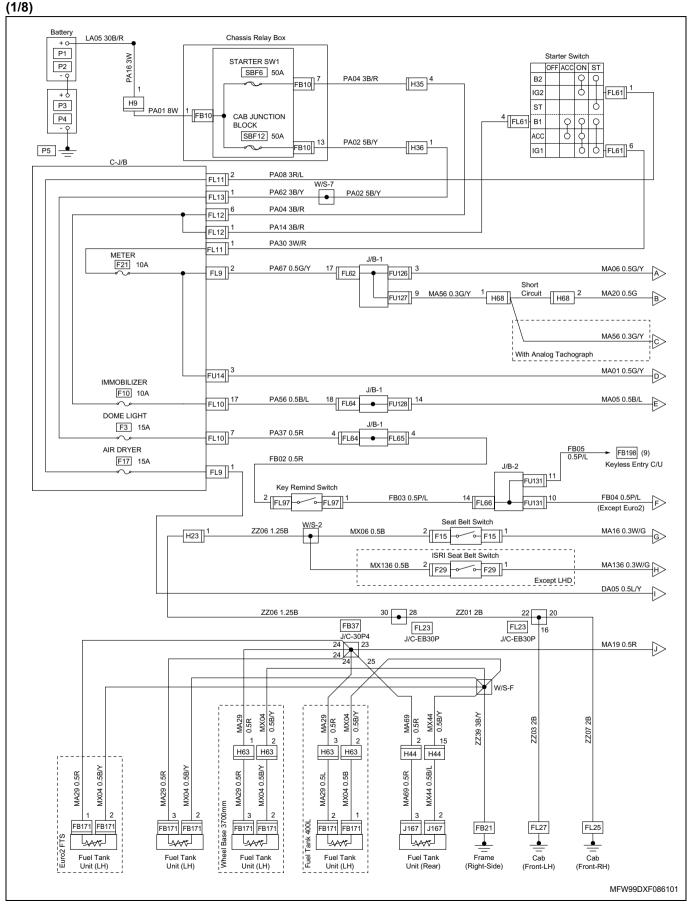


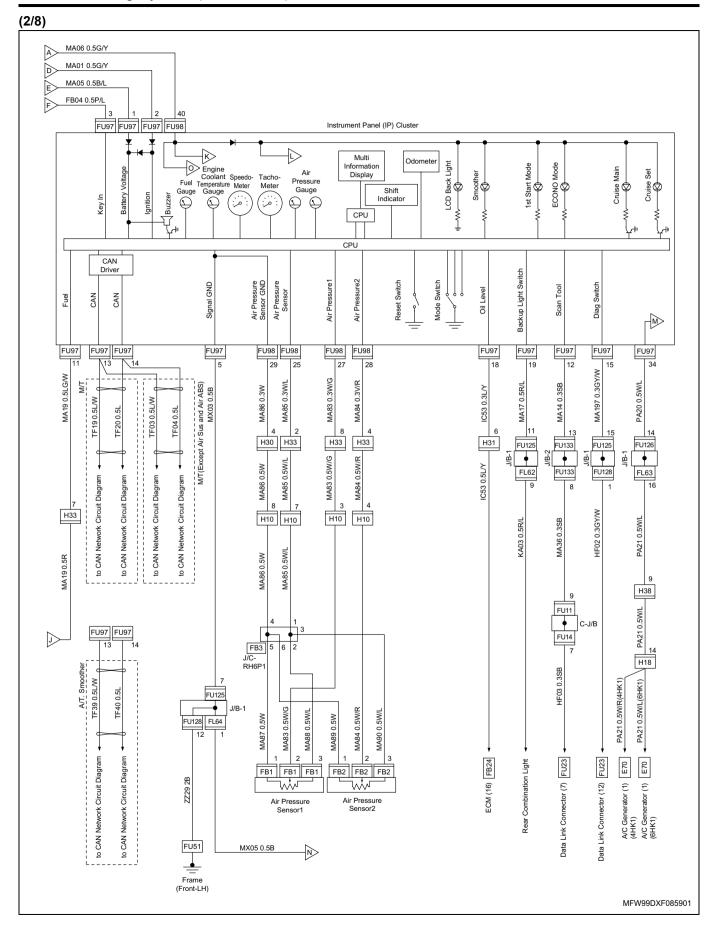


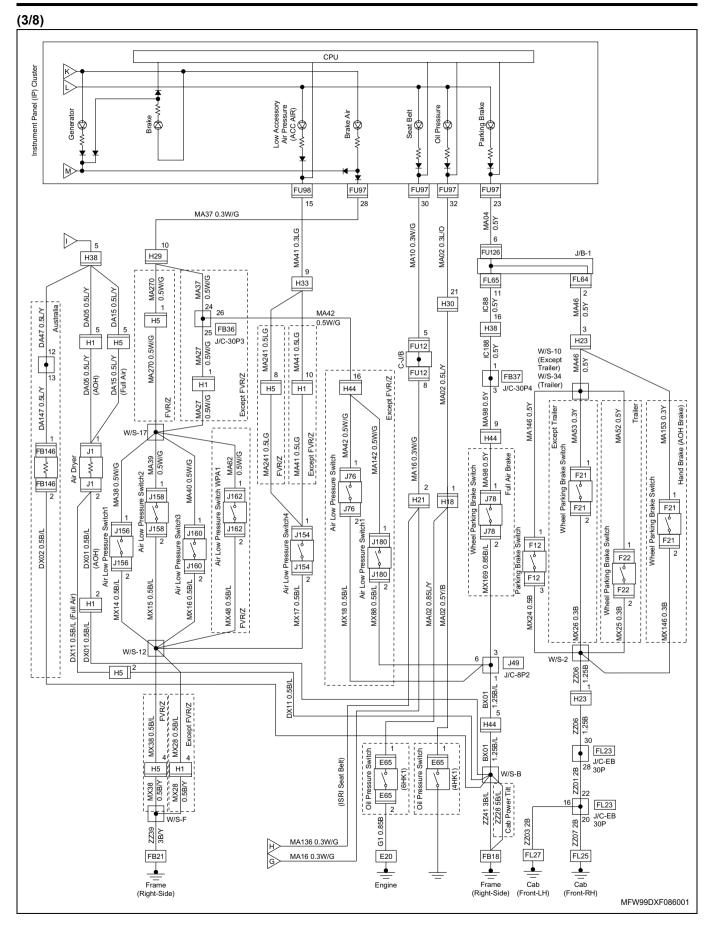


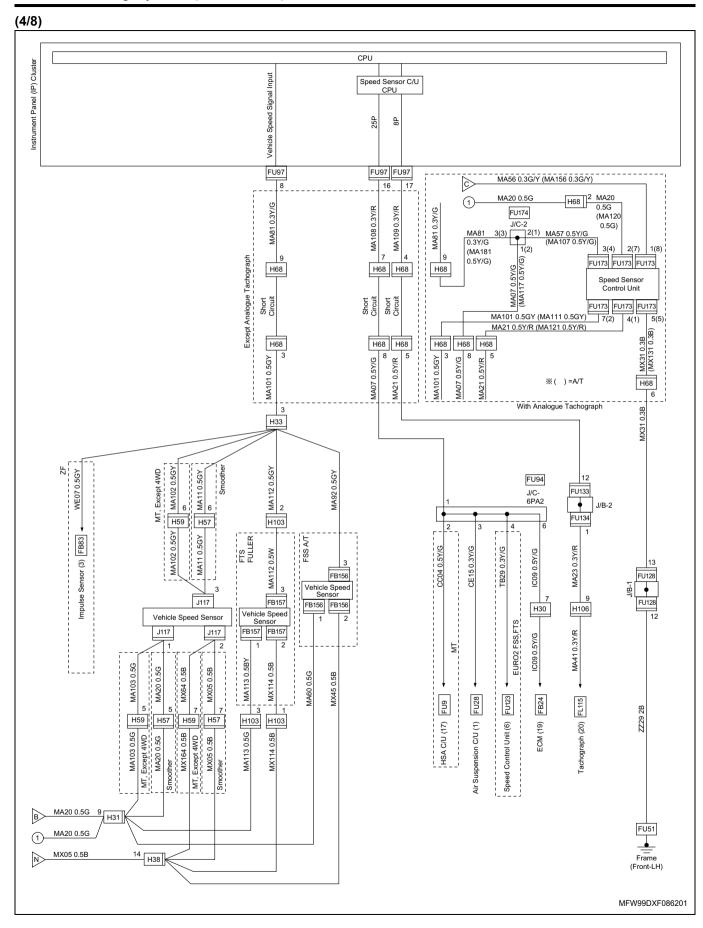
# Instrument Panel (IP) Cluster and Warning

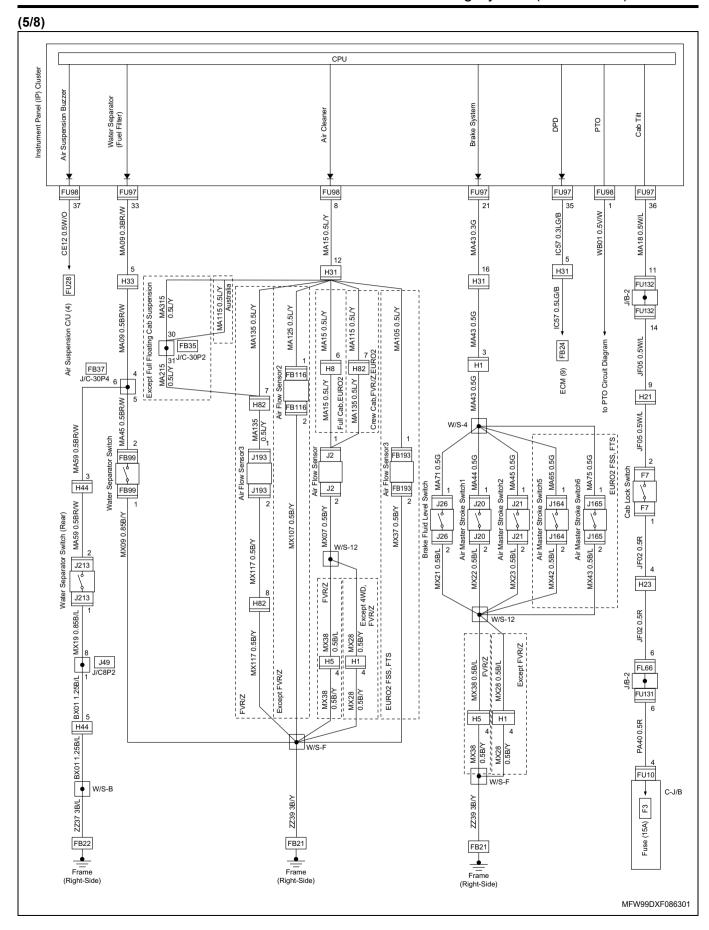
# Circuit Diagram Except Indonesia

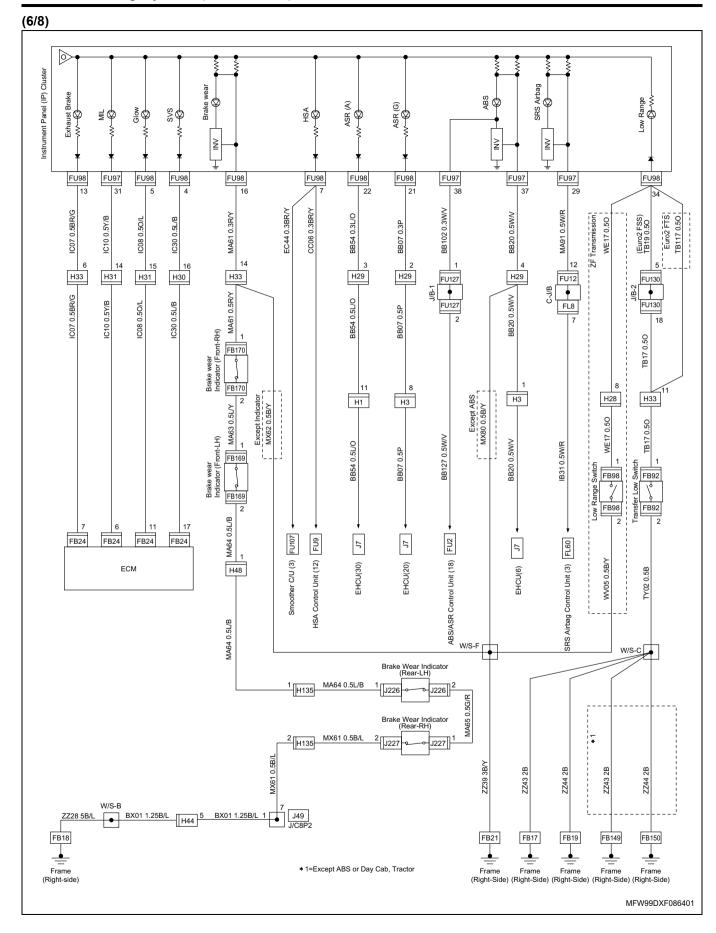


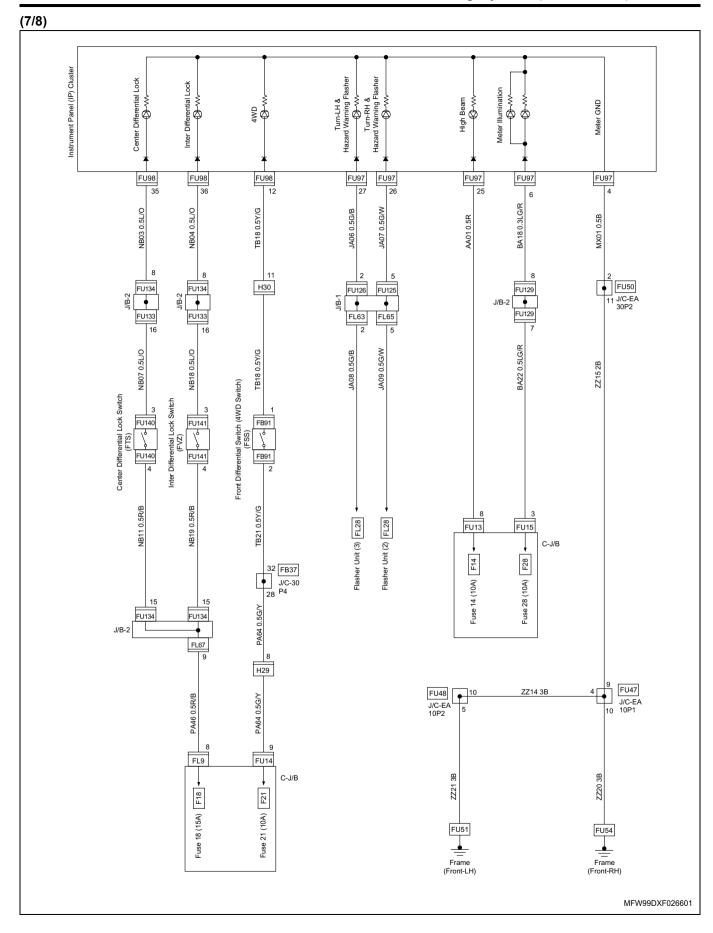


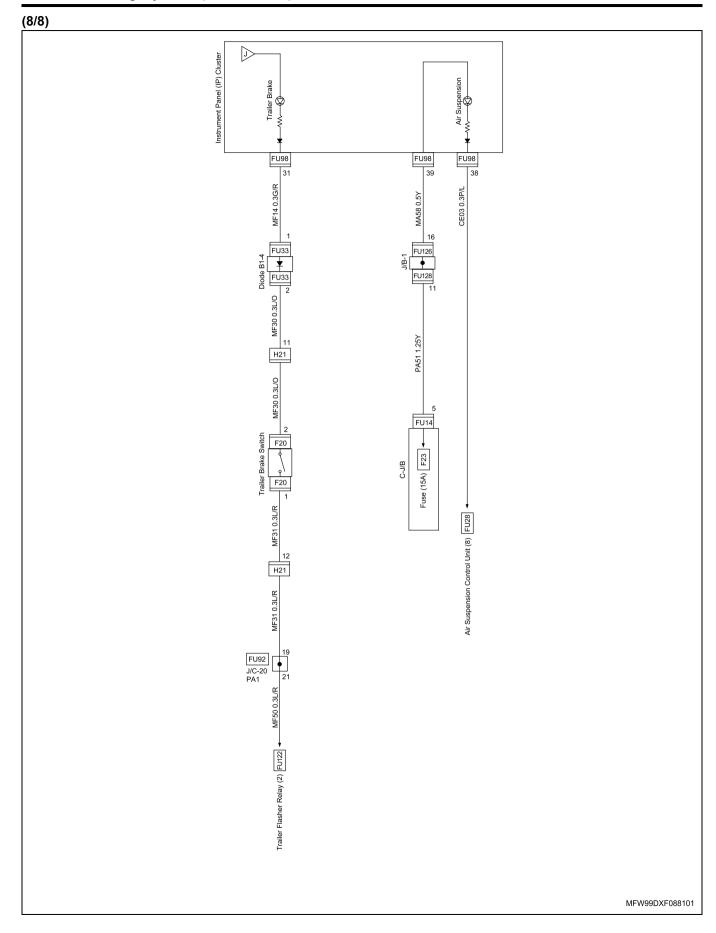




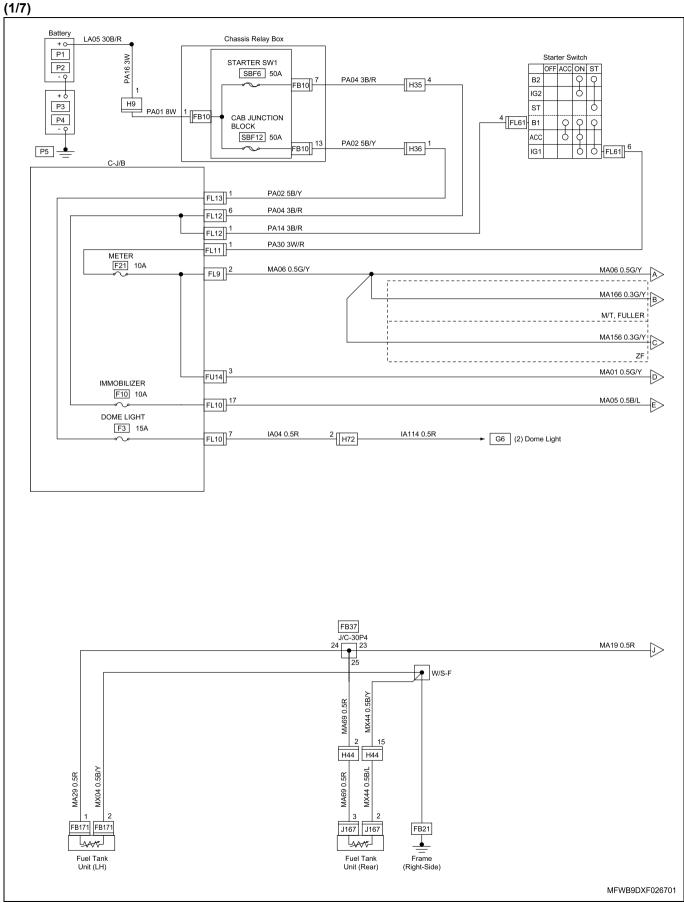


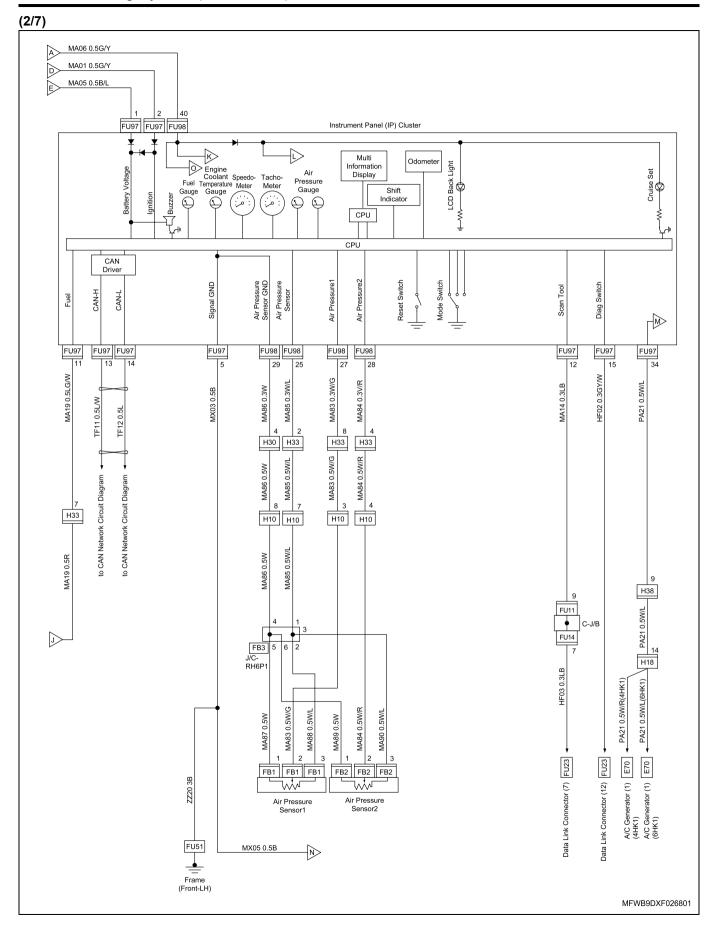


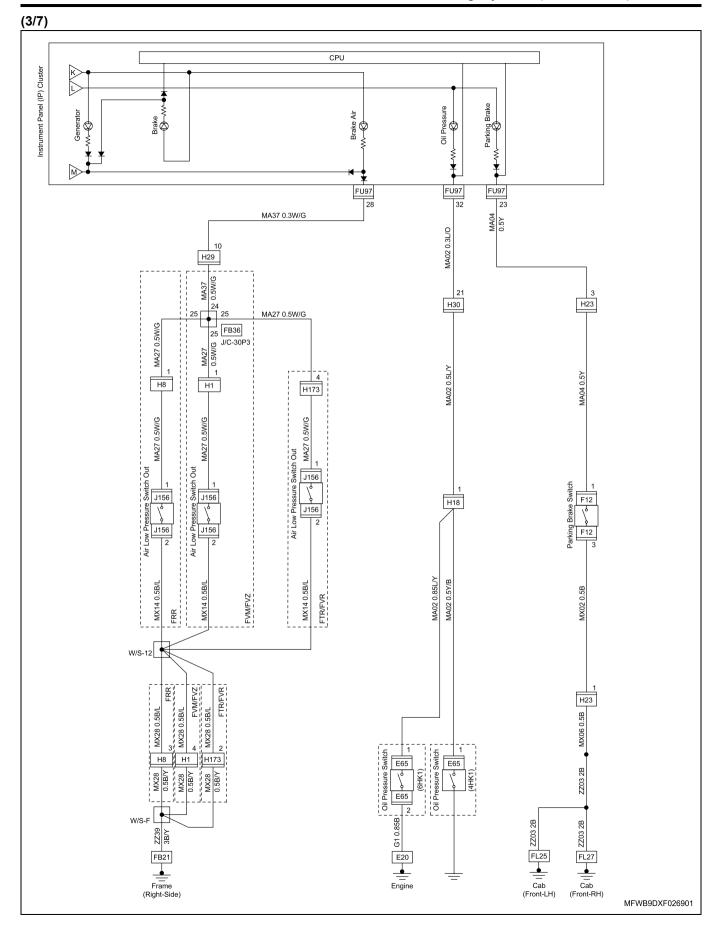


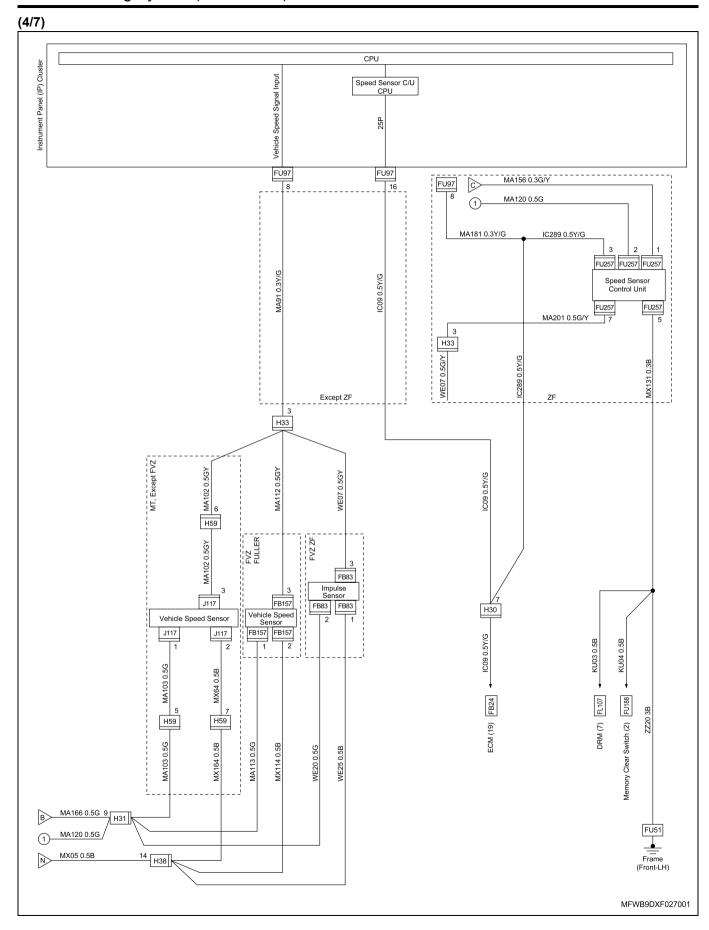


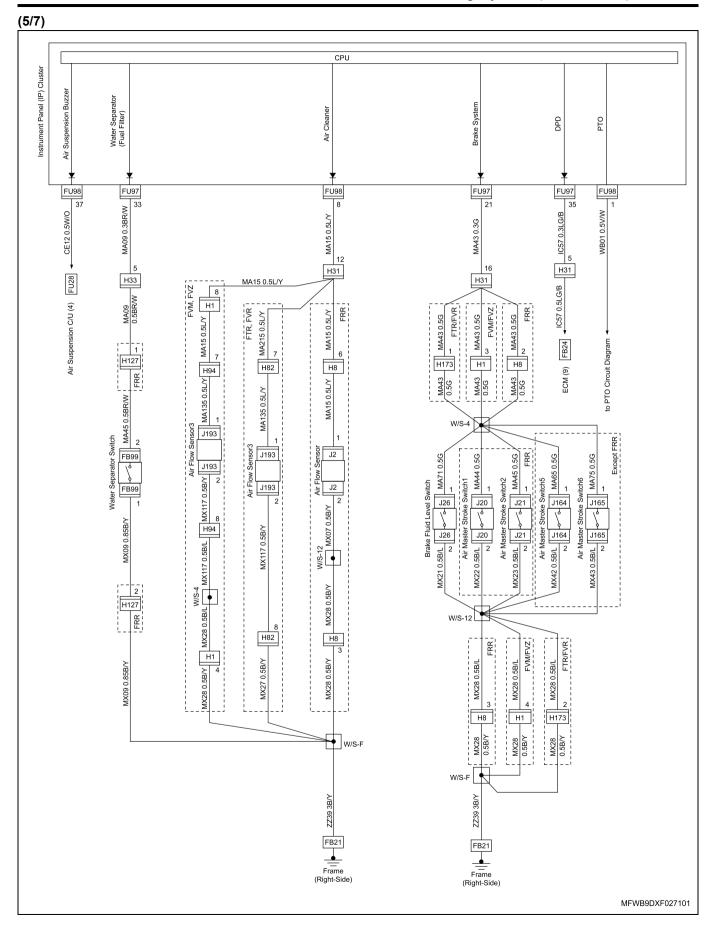
#### Indonesia

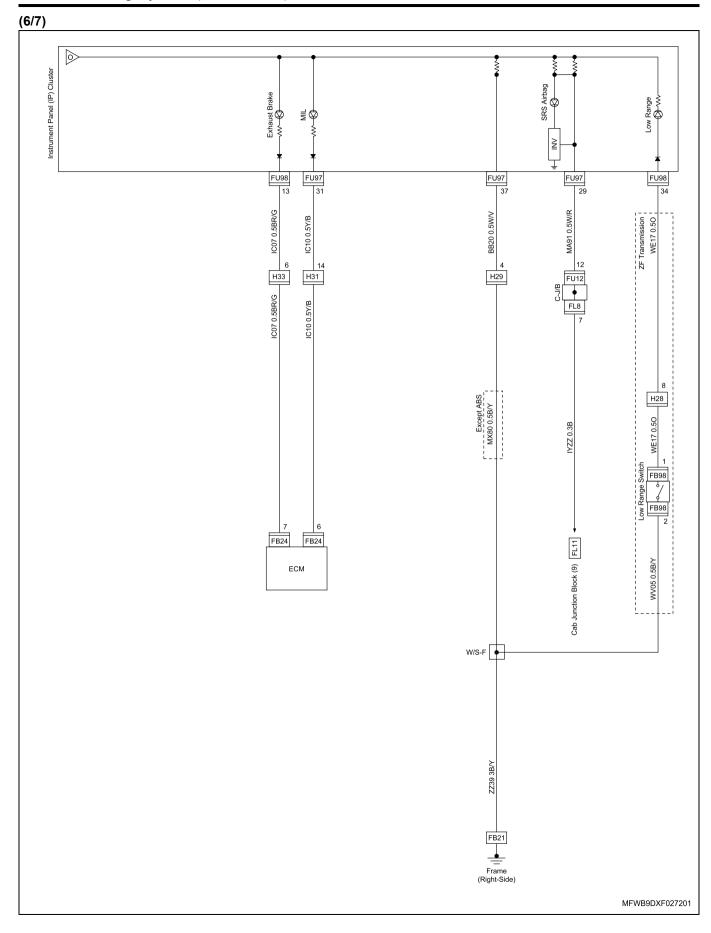


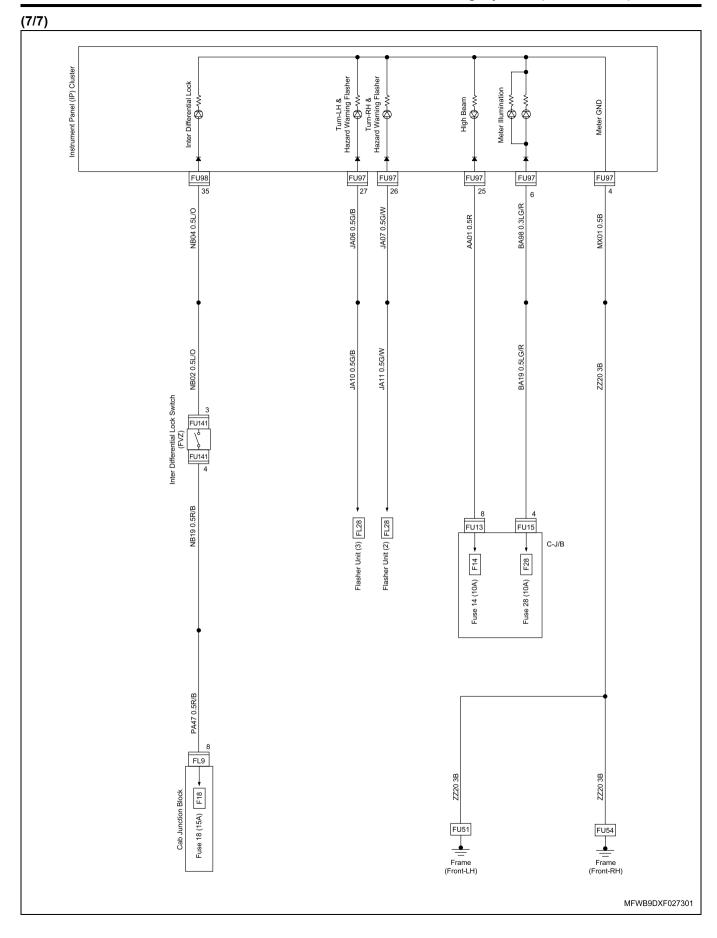








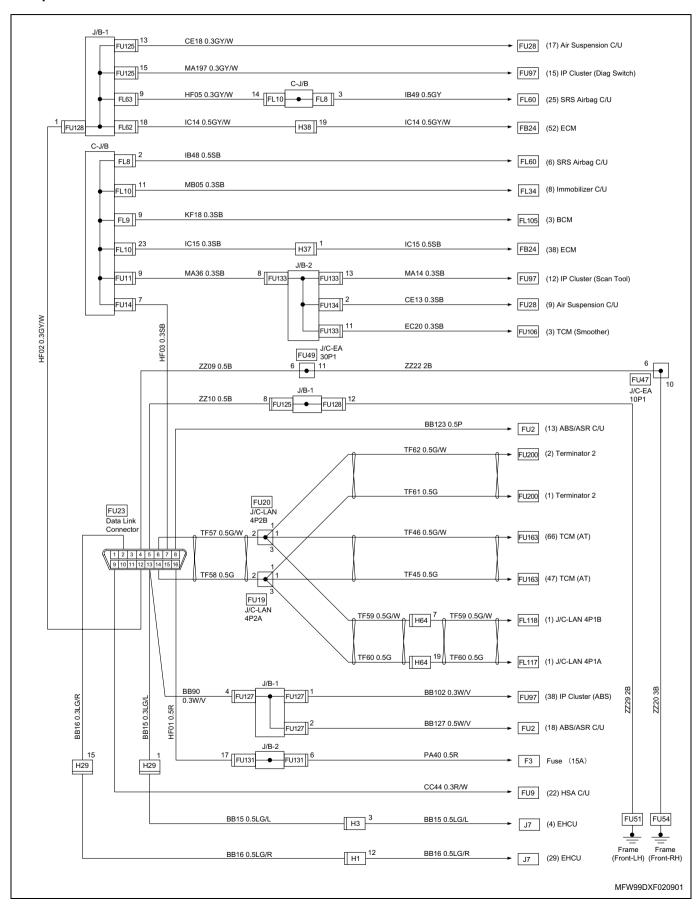




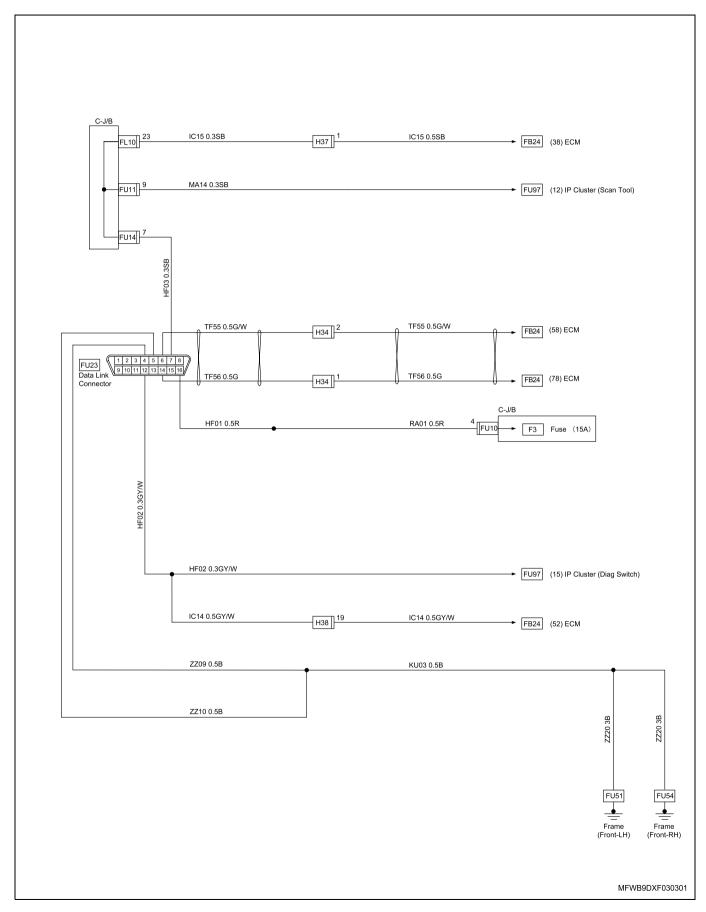
## **Data Link Connector (DLC)**

#### **Circuit Diagram**

#### **Except Indonesia**

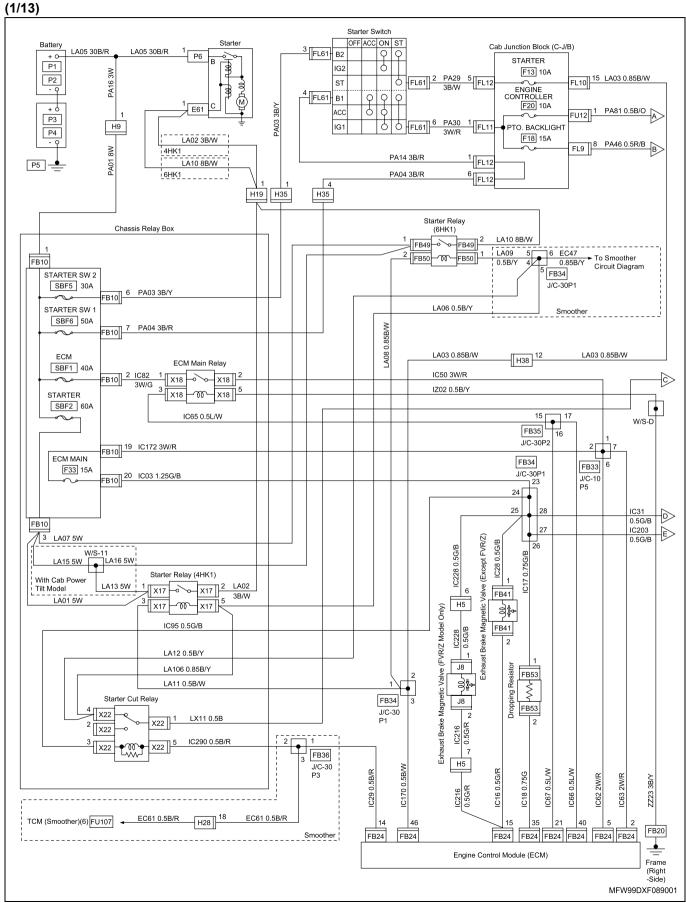


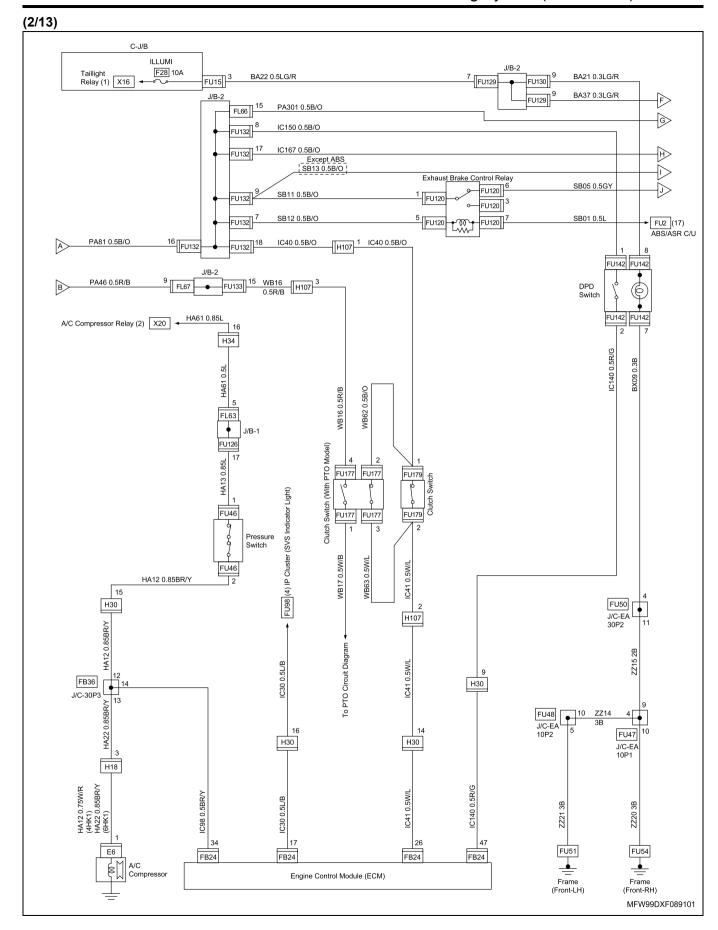
#### Indonesia



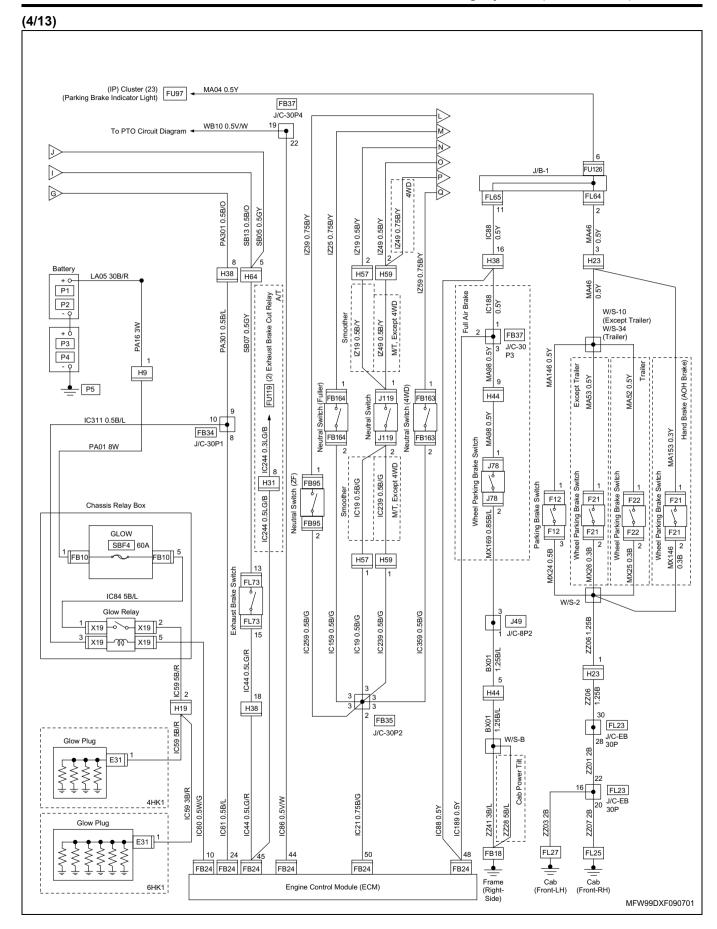
### **Engine Control Module (ECM)**

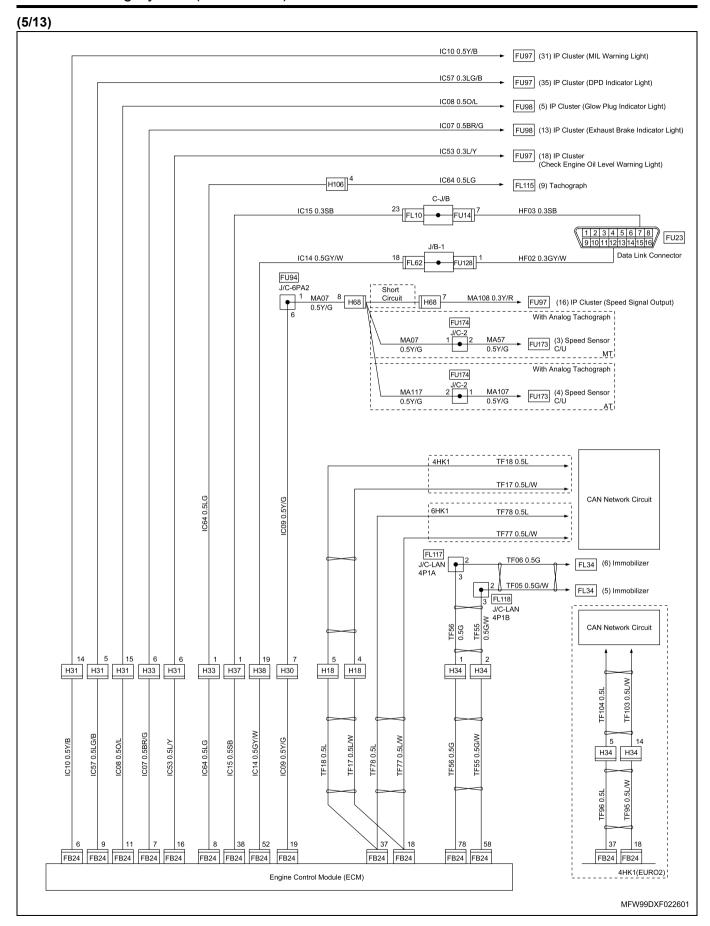
# Circuit Diagram Except Indonesia

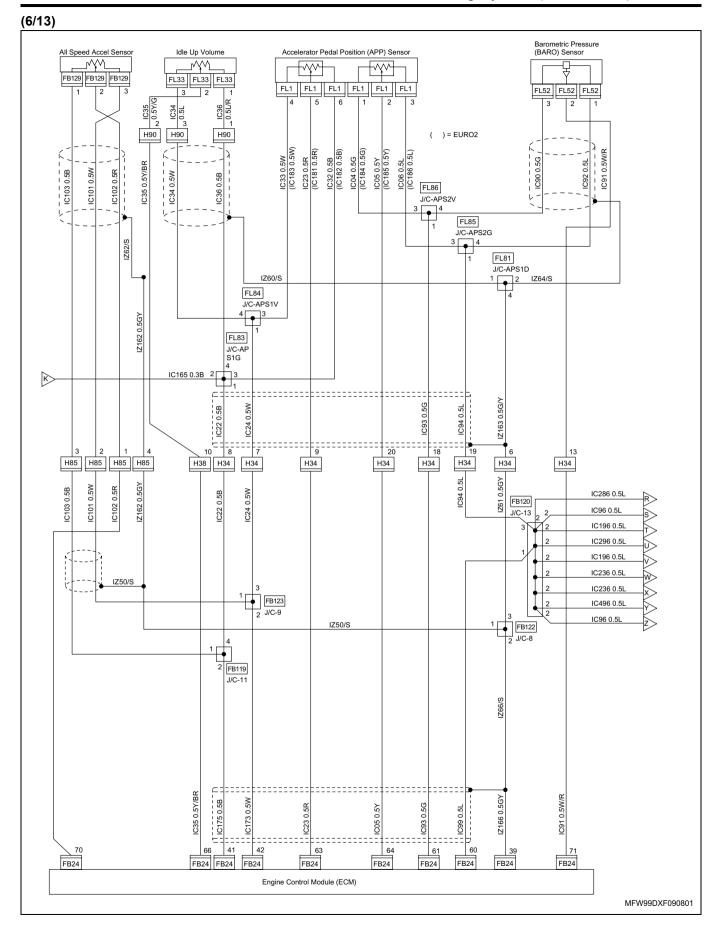


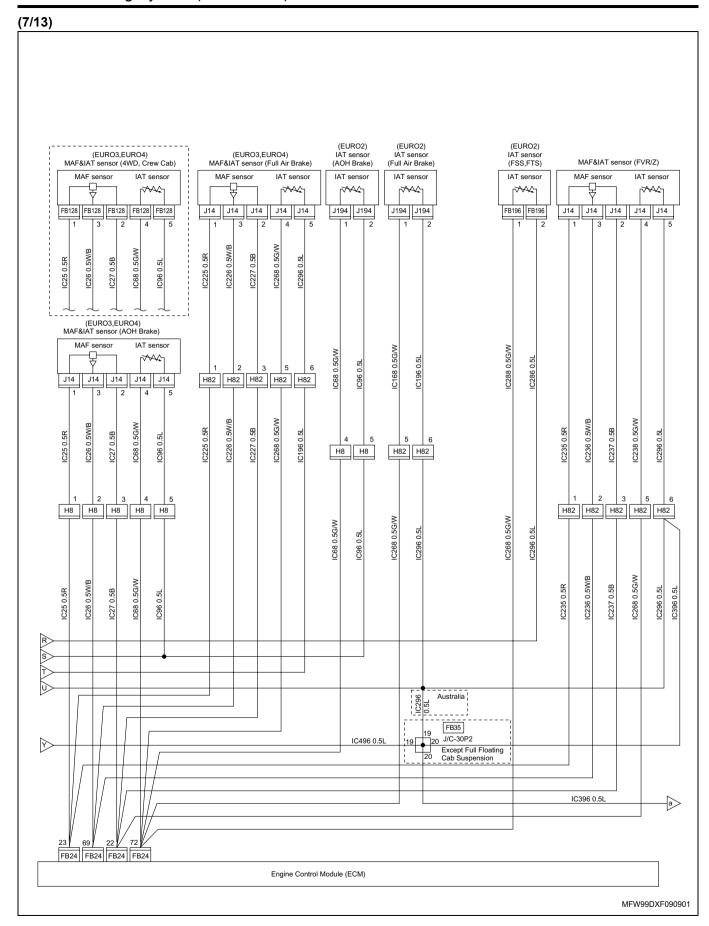


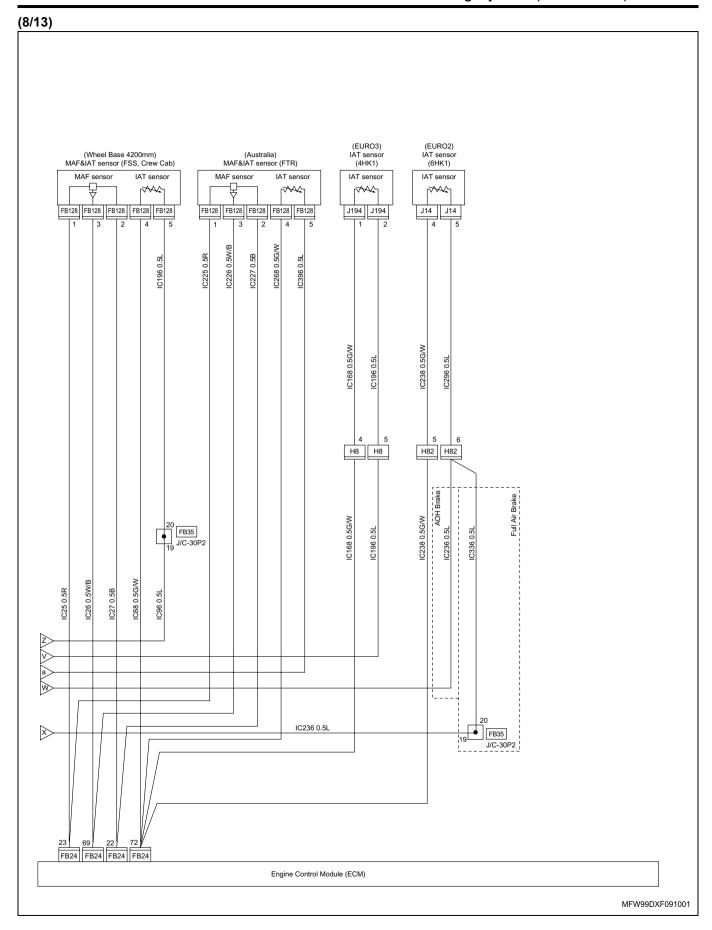
#### (3/13) BA37 0.3LG/R IC167 0.5B/O FU208 FU208 \$ Cruise Main Switch Cruise Switch (Combination Switch) FU208 FU208 5 FL19 CX02 0.5B IC154 0.5R/W Stoplight Switch1 IC165 0.3B K C LX11 0.5B • 28 FU49 J/C-EA 33 30P1 (5) X1 Stoplight Relay ZZ32 2fB CA10 0.3G/B FB5 IC164 0.3BR/L FU49 J/B-2 11 J/C-EA30P1 CA03 0.5G/O CX01 0.5B/Y ZZ22 2B IC155 0.5G/B FU47 H10 FU48 J/C-EA 10P2 J/C-EA 10P1 CX03 0.5B/Y CA18 0.5G/O H38 H34 H28 J/C-30P2 IC164 0.5BR/L IC154 0.5R/W IC155 0.5G/B IC156 0.5G/O ZZ39 3B/Y ZZ38 5B ZZ21 3B FB19 FU51 FU54 FB21 FB24 FB24 FB24 FB24 Frame Frame (Right-Side) Frame (Front-RH) Engine Control Module (ECM) MFW99DXF022401

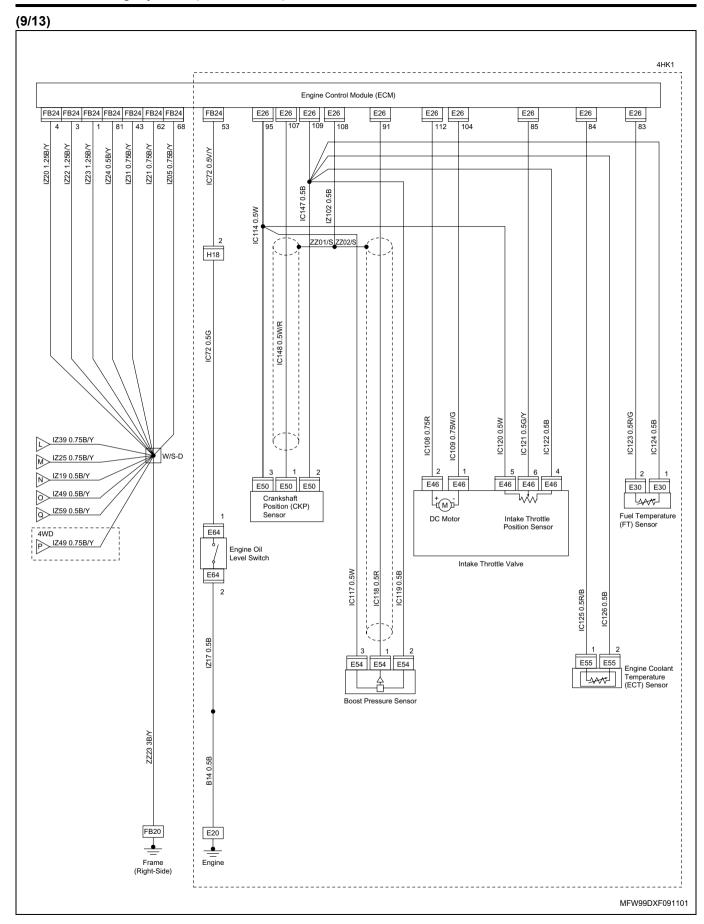


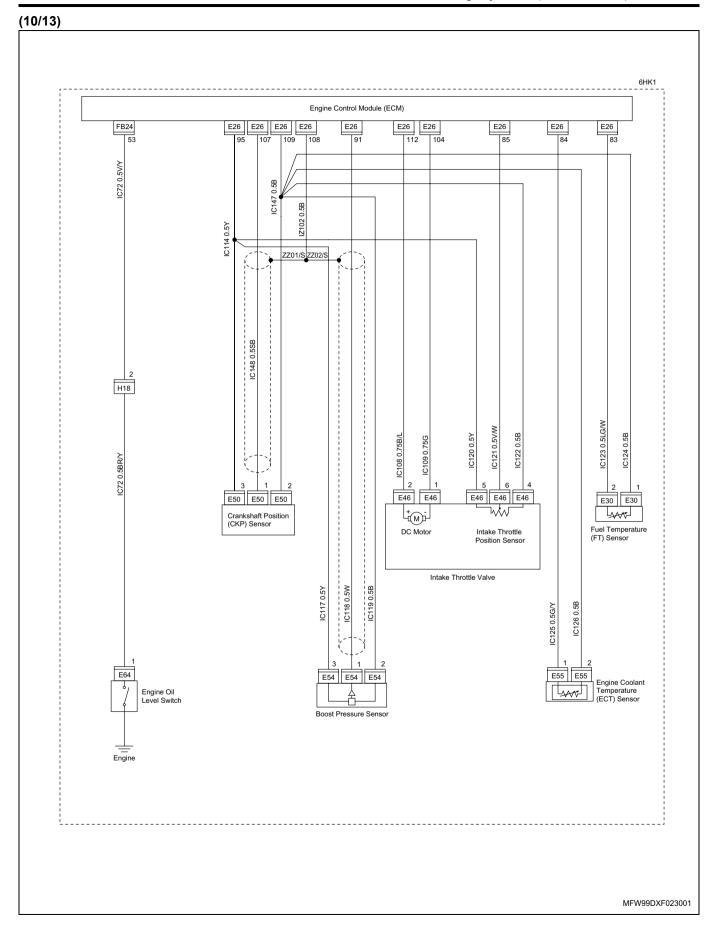


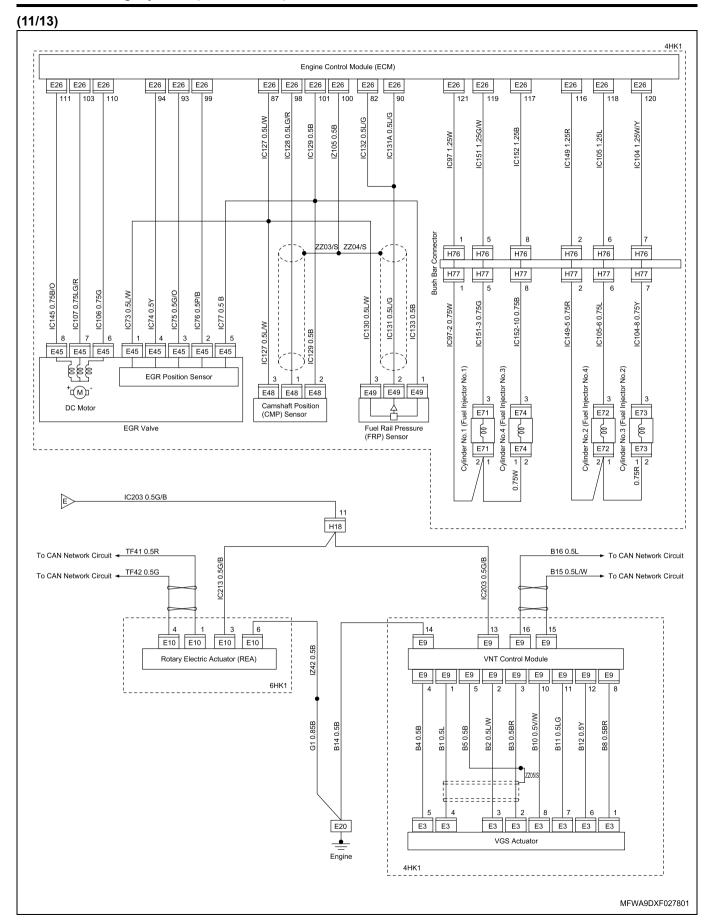


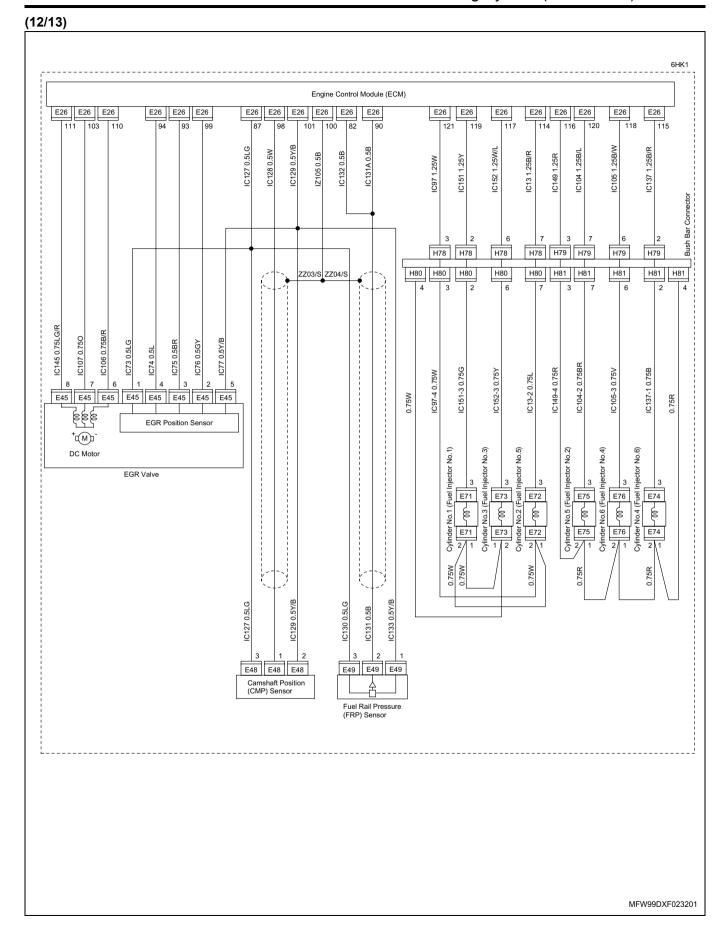


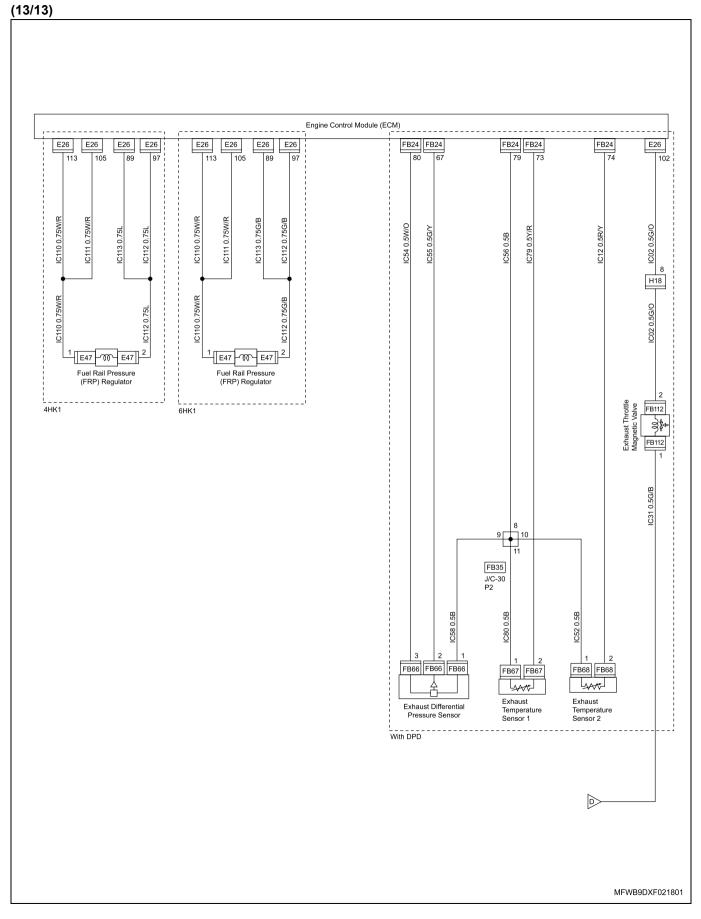






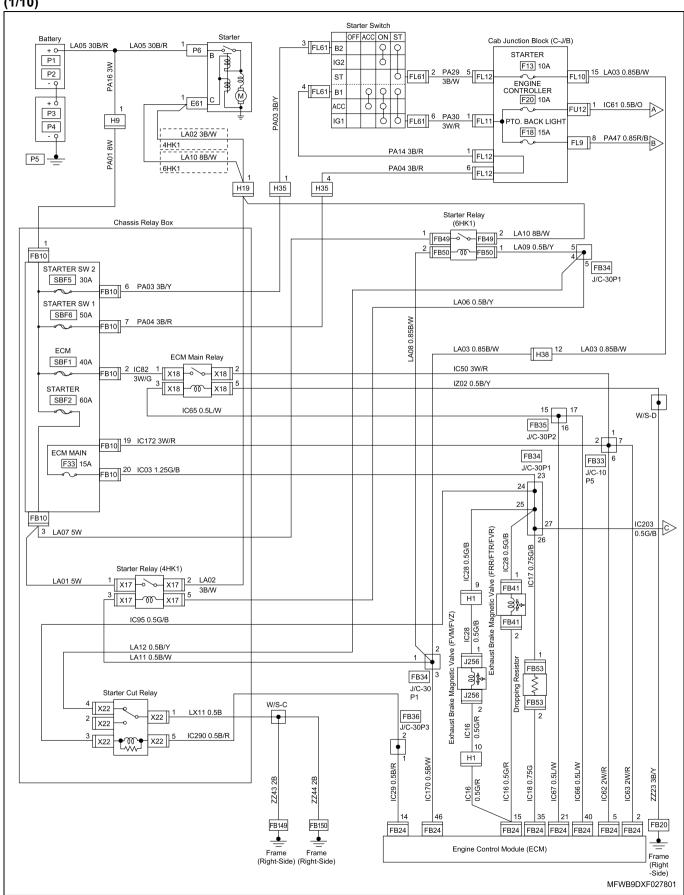


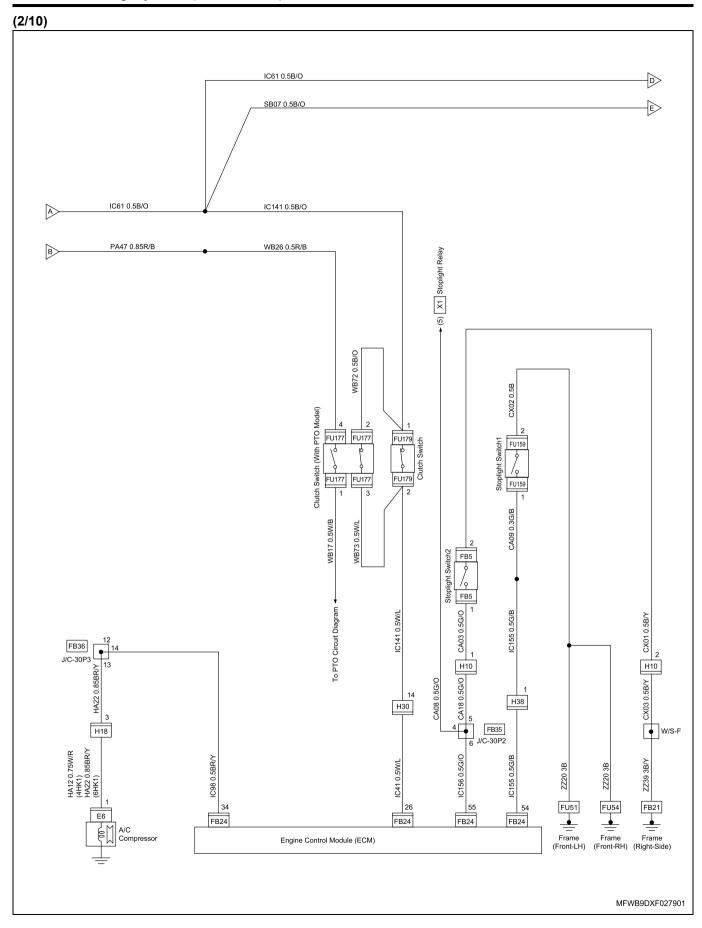




#### Indonesia

(1/10)





FL25

Cab (Front-LH)

FL27

Cab (Front-RH)

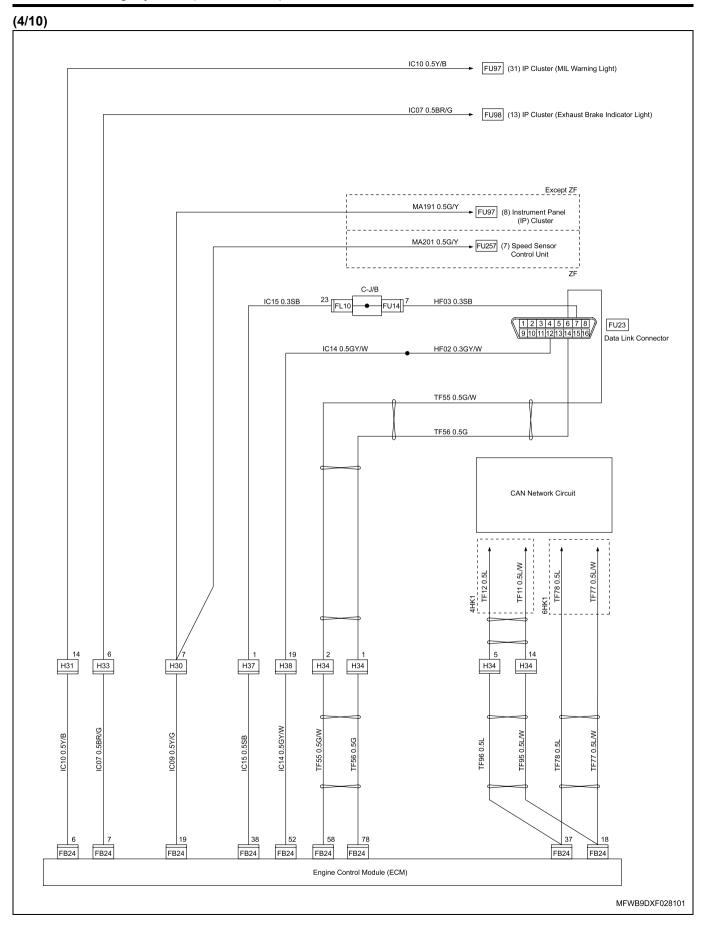
MFWB9DXF028001

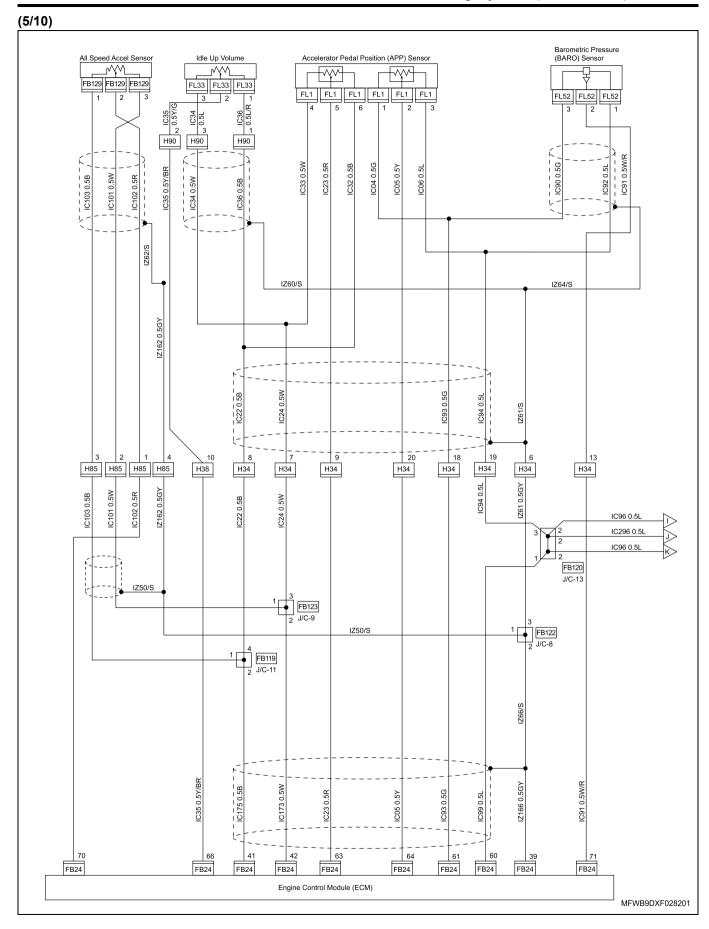
FB24

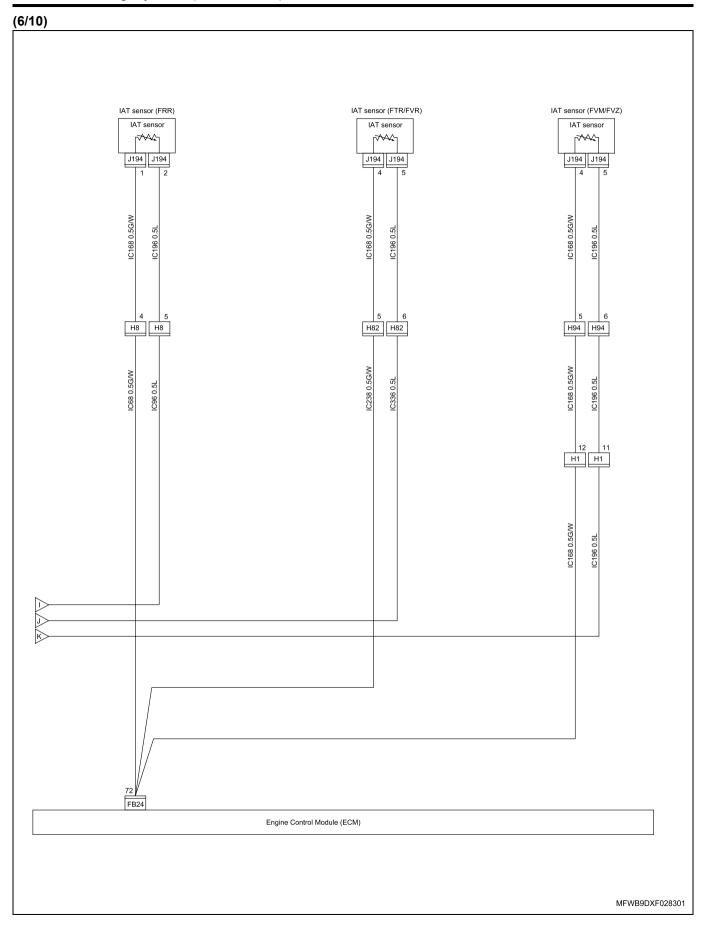
FB24

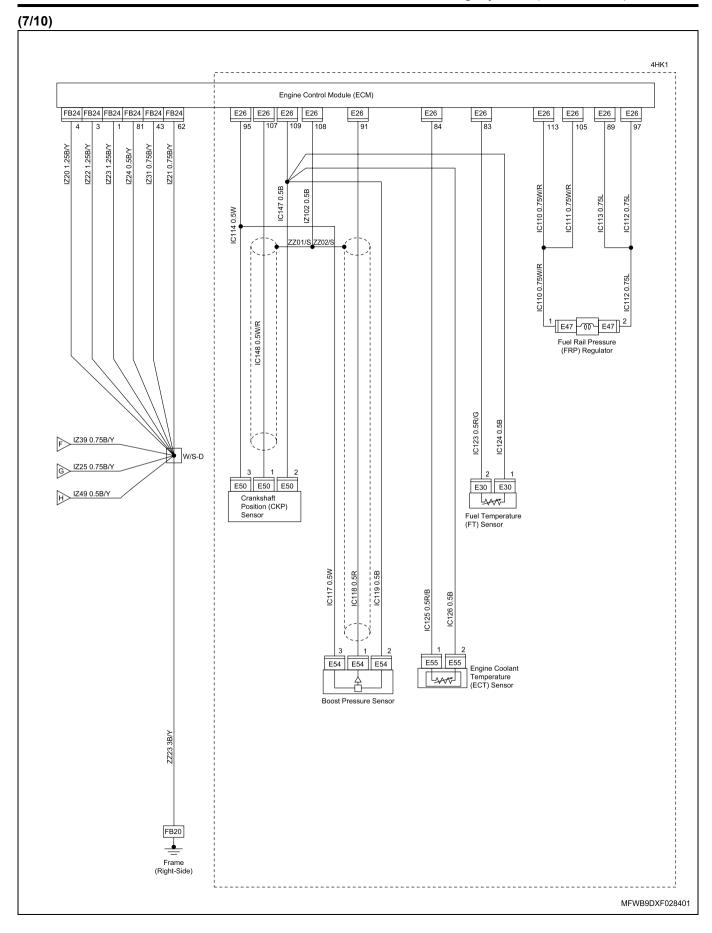
Engine Control Module (ECM)

FB24

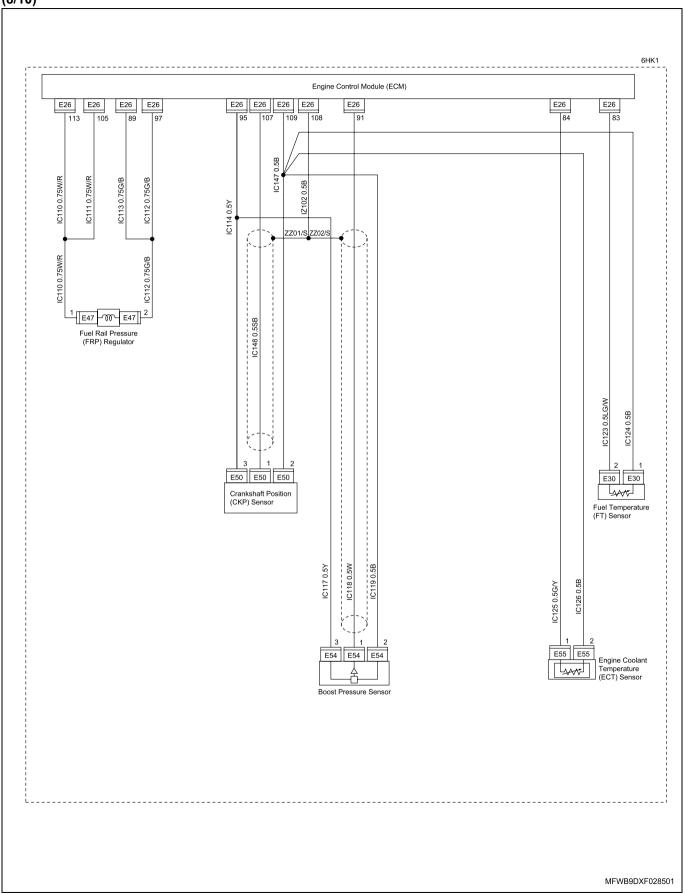




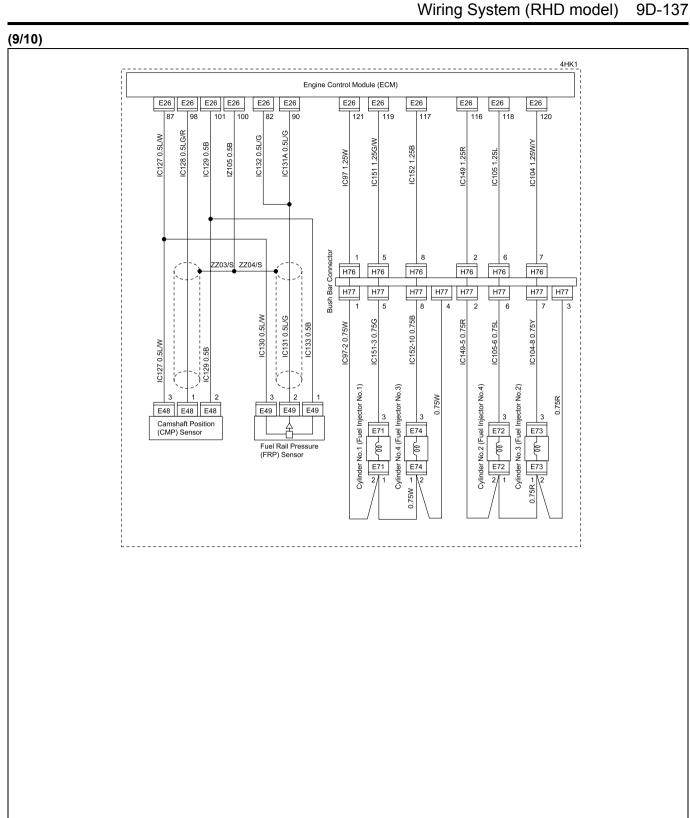




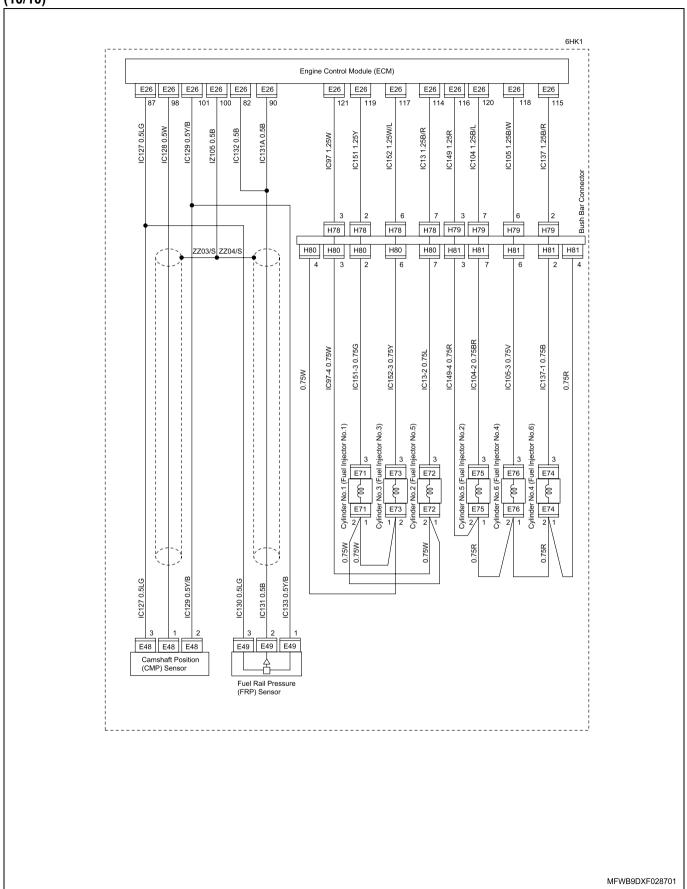
### (8/10)



MFWB9DXF028601

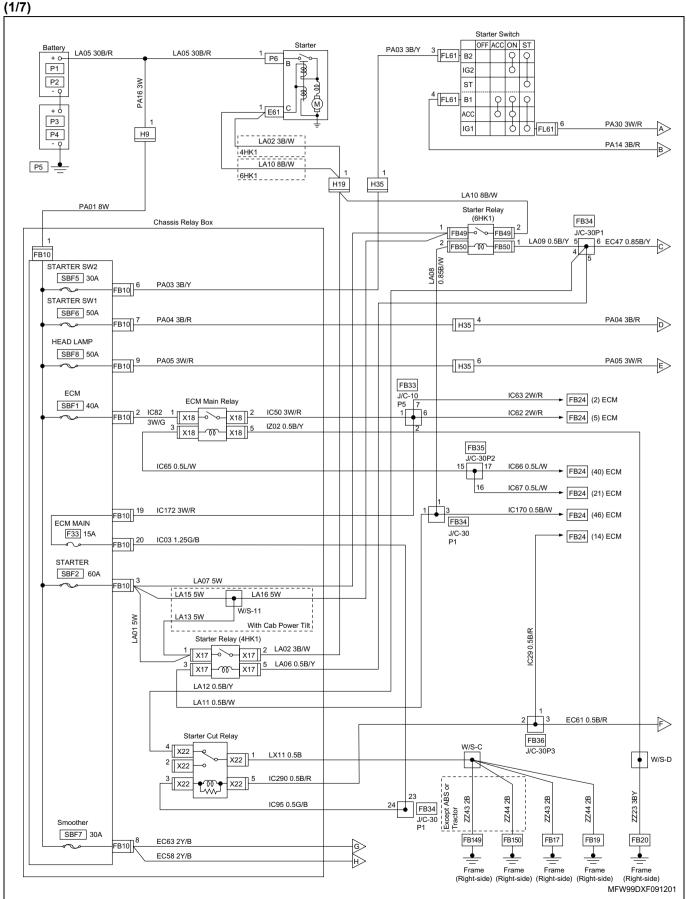


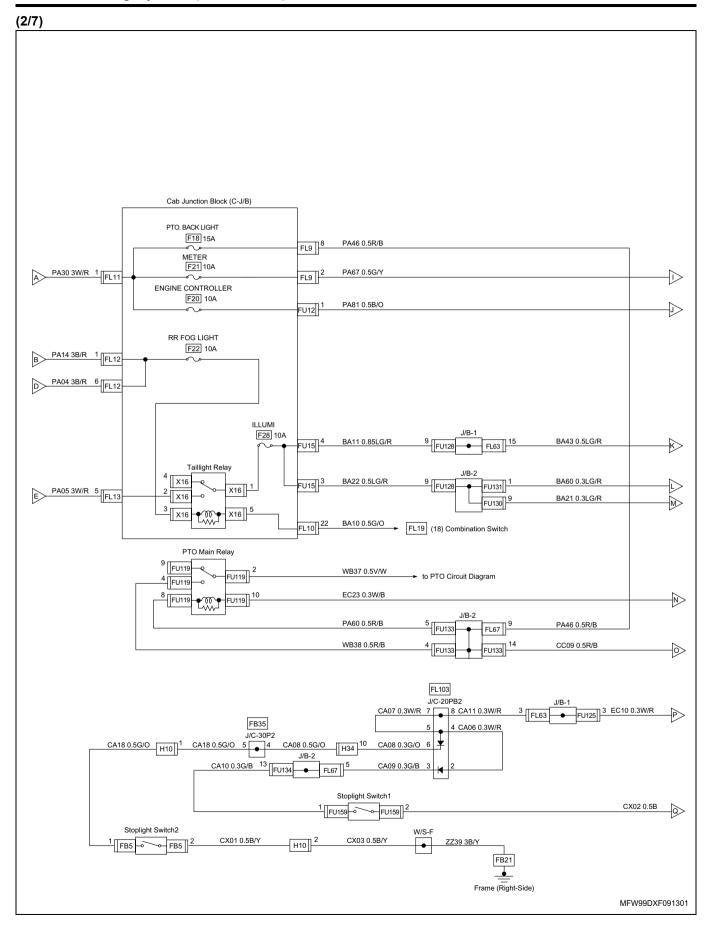
#### (10/10)

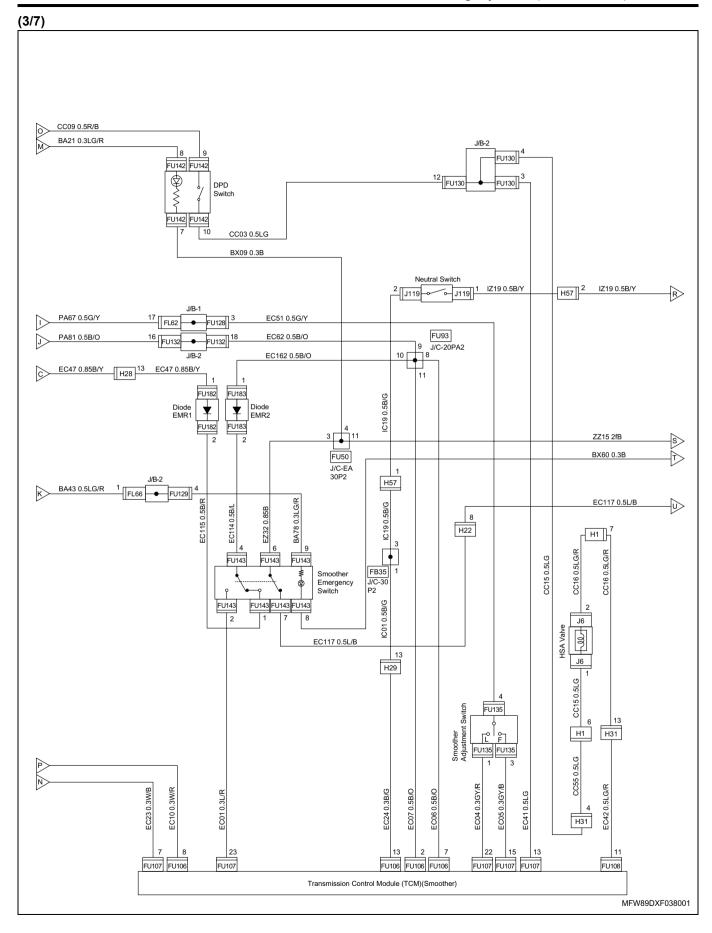


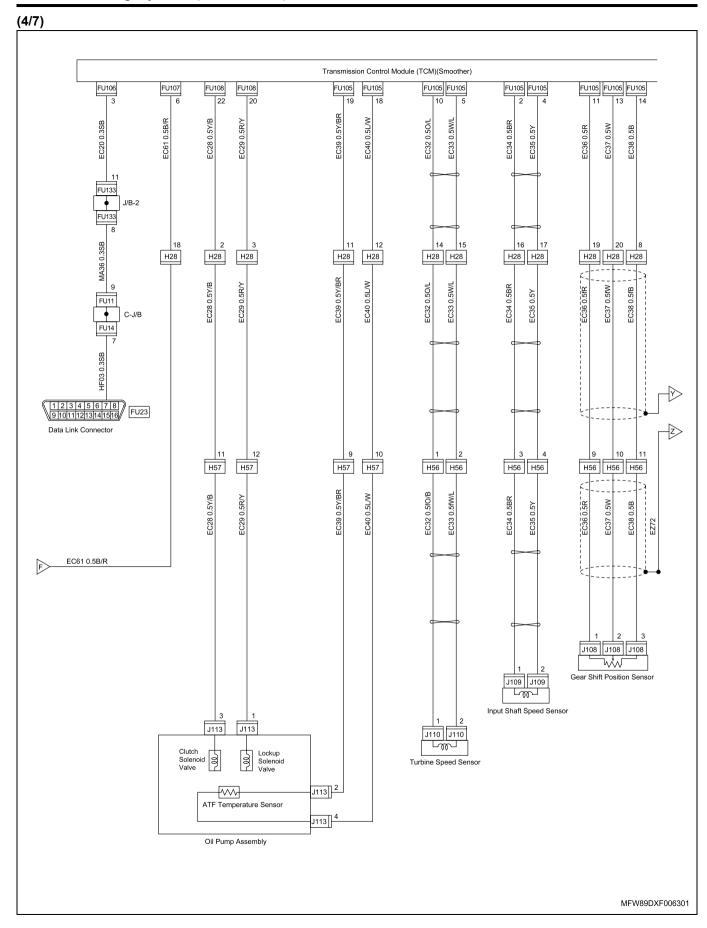
# **Transmission Control Module (Smoother)**

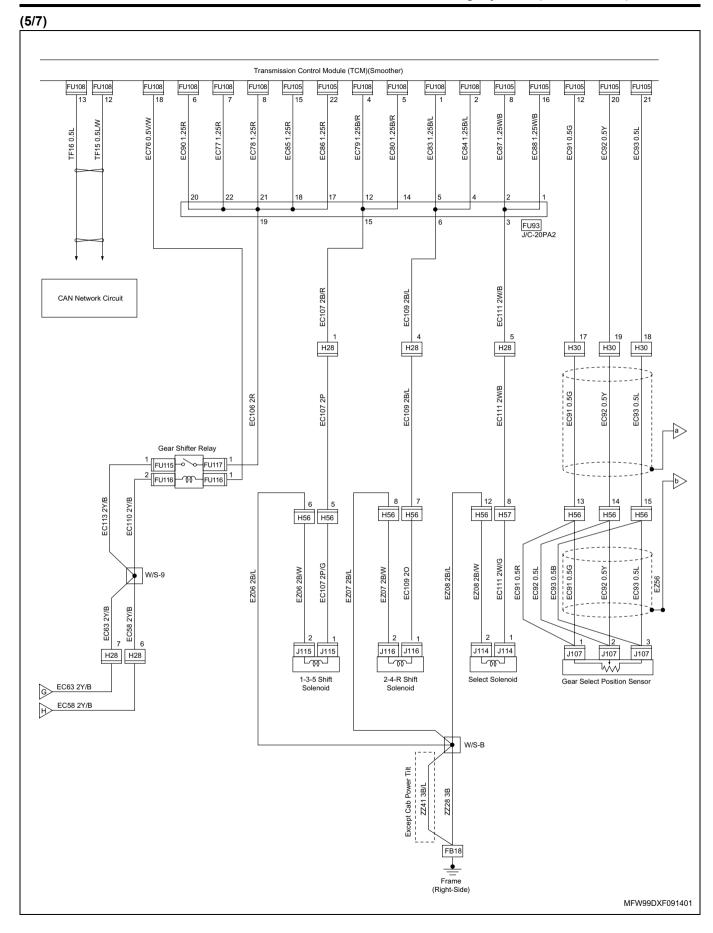
# Circuit Diagram Except Indonesia

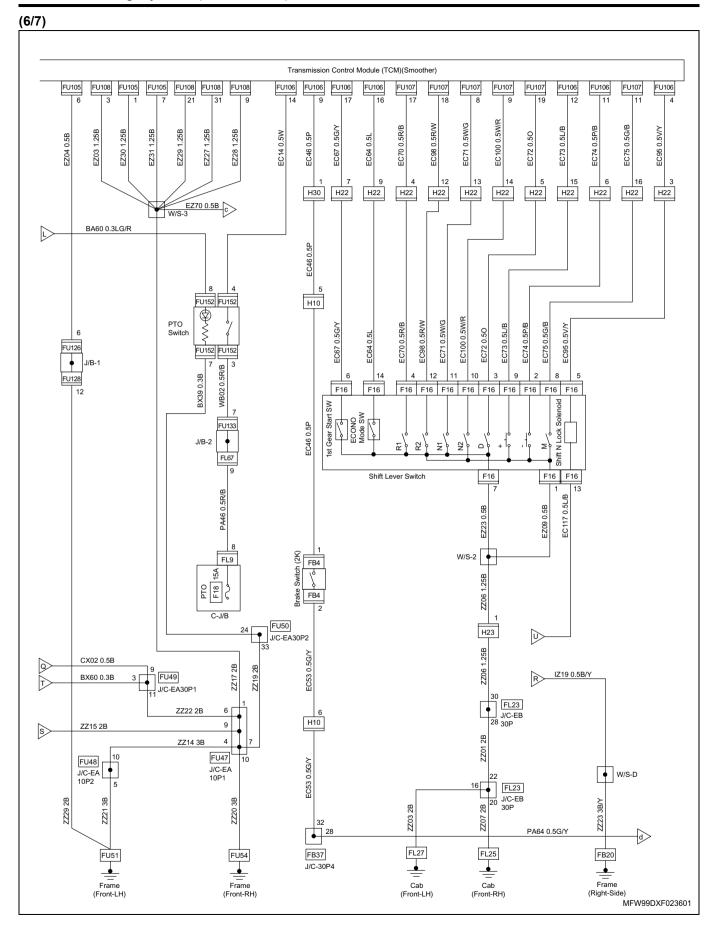


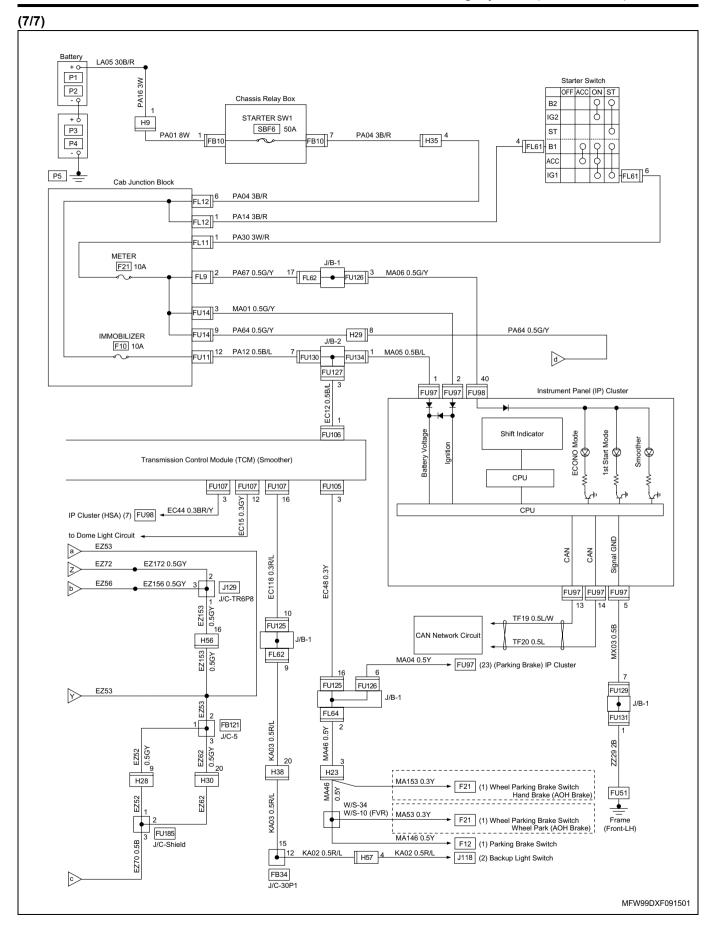




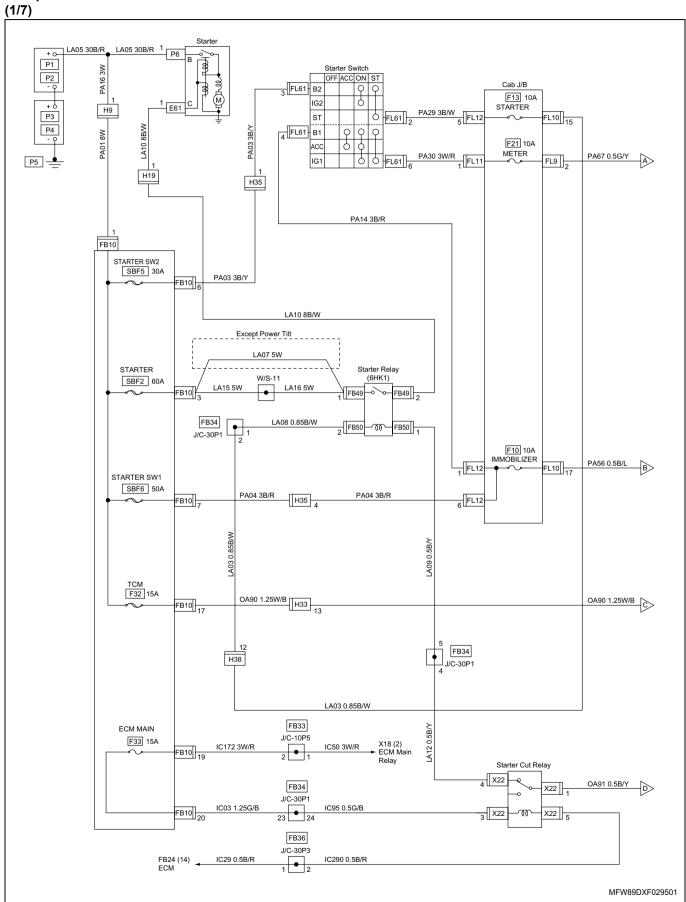


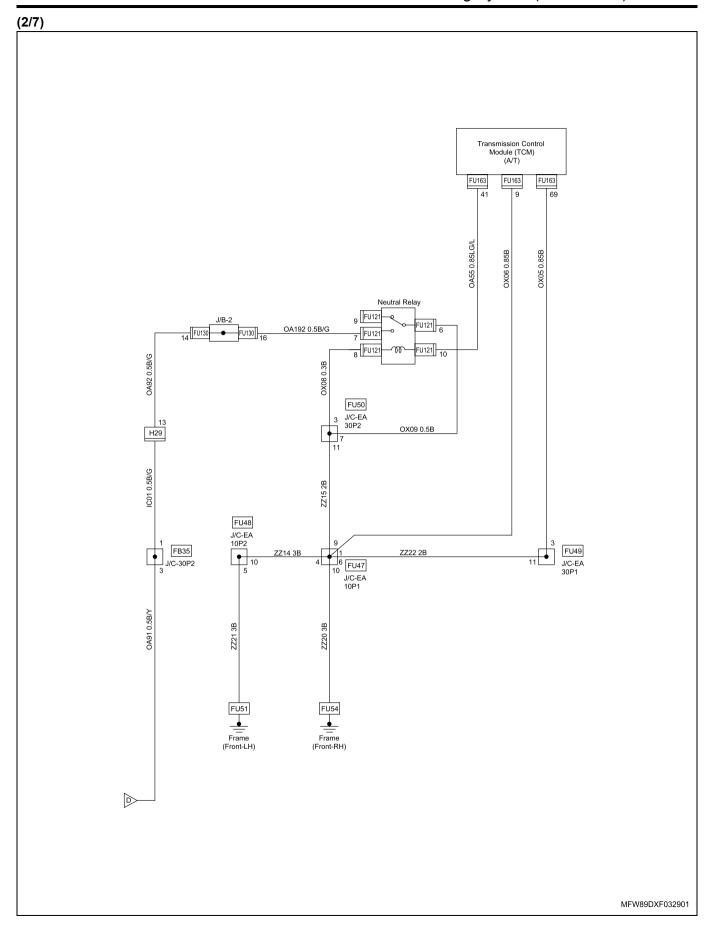


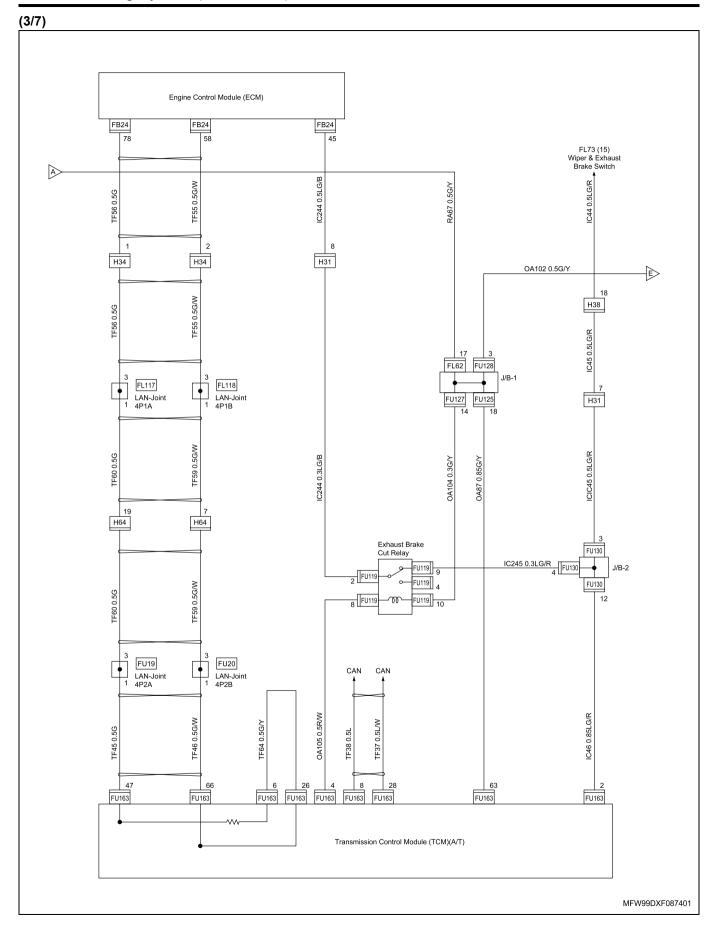


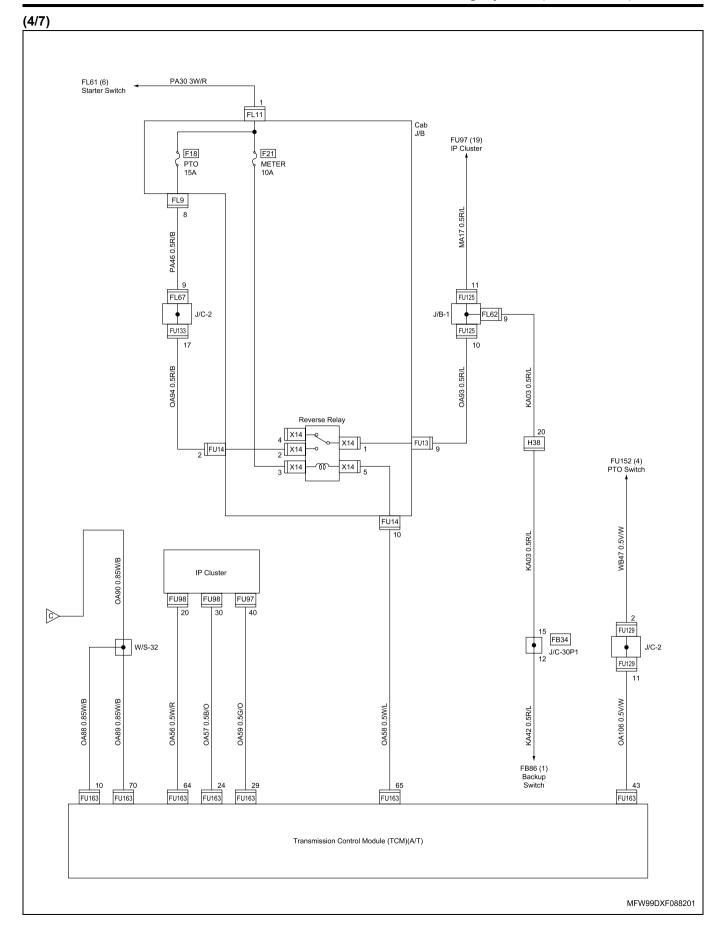


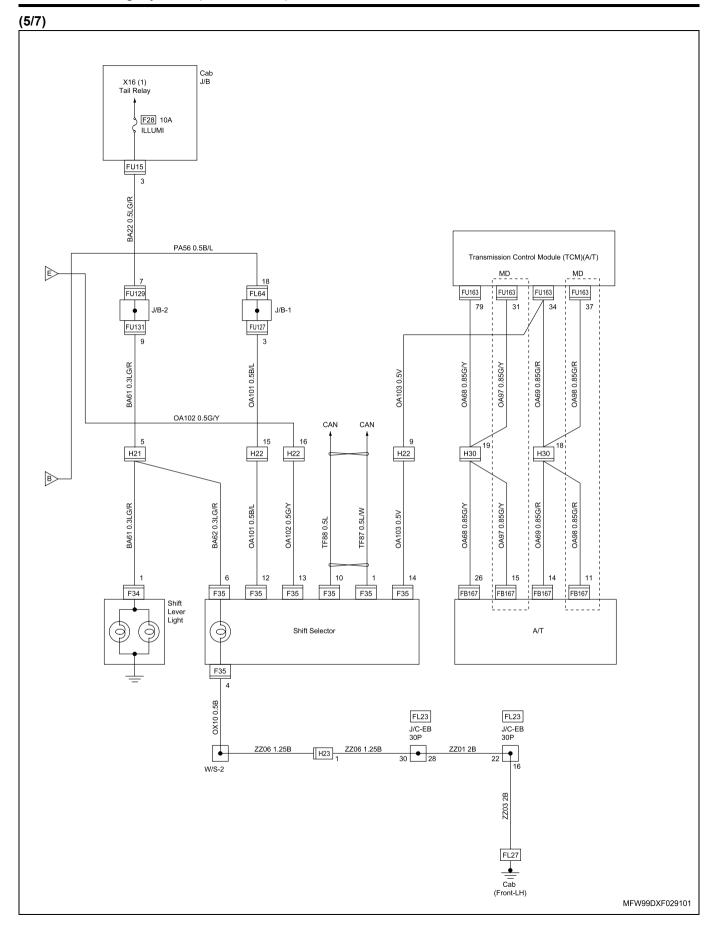
# **Transmission Control Module (A/T)**

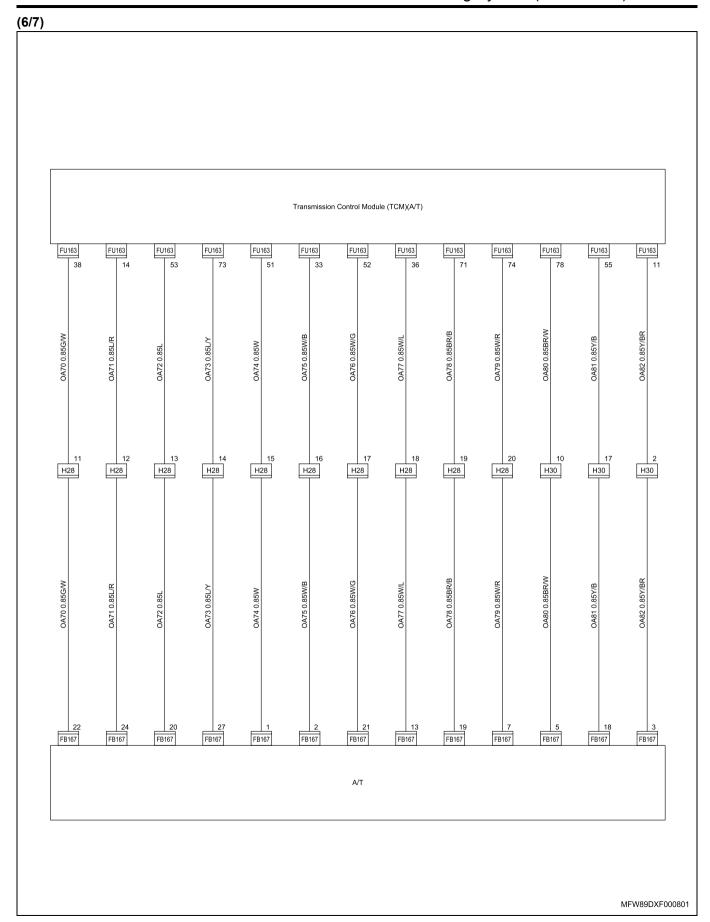


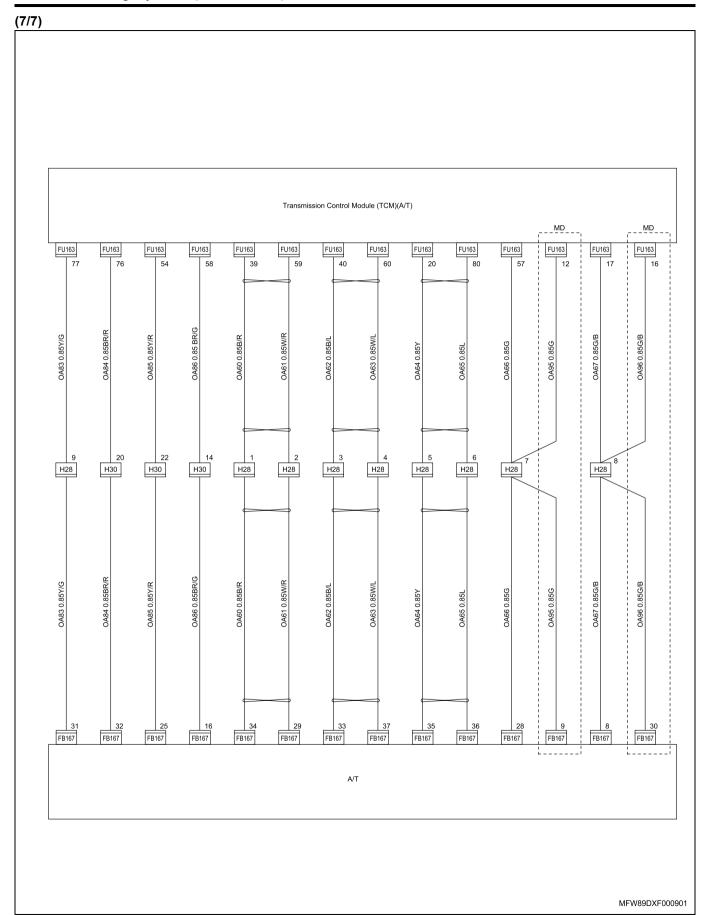








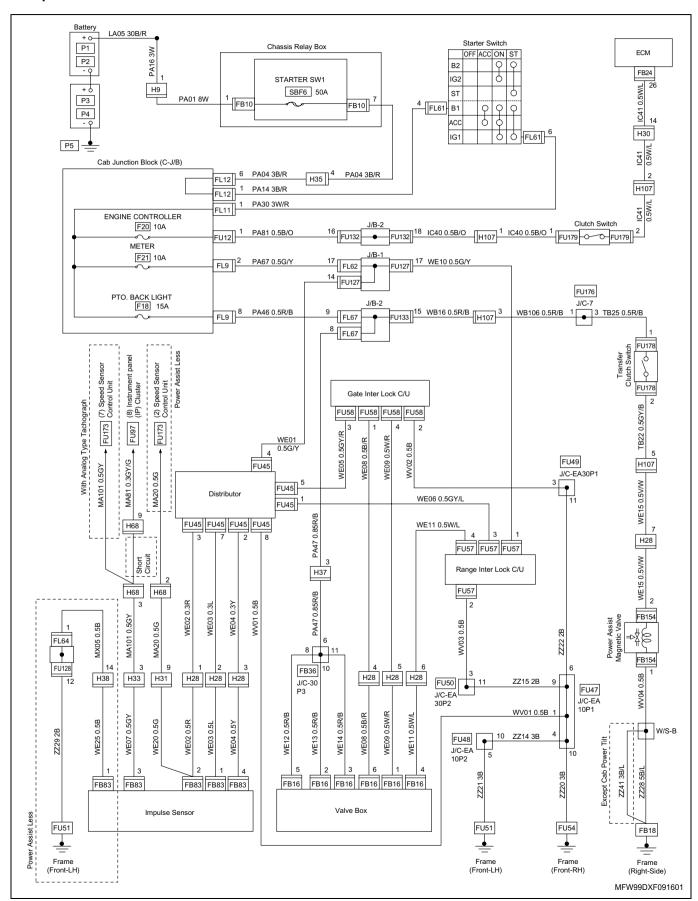




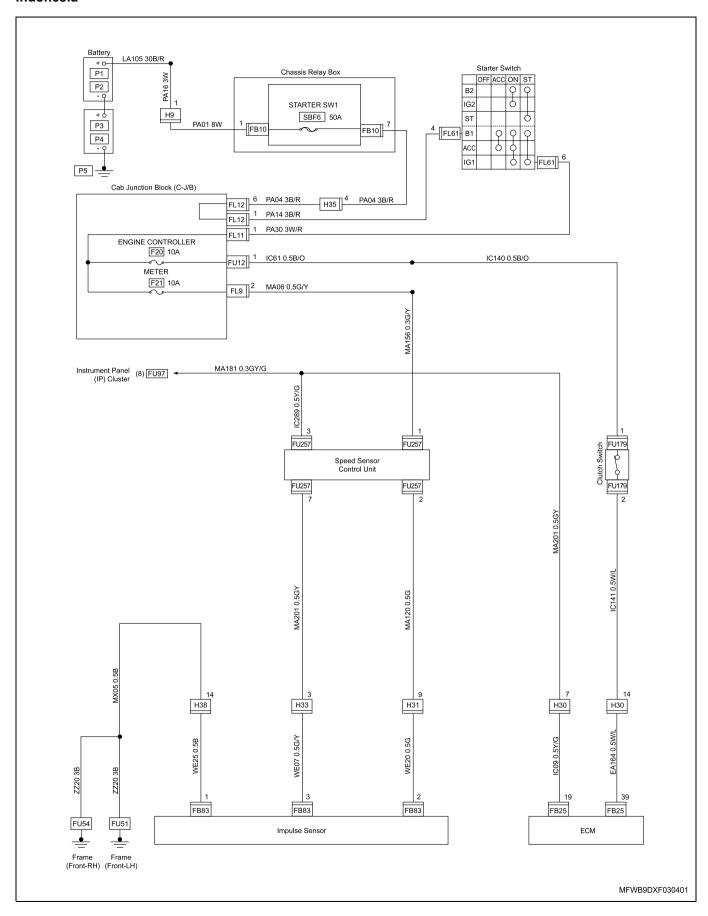
## **ZF Transmission**

#### **Circuit Diagram**

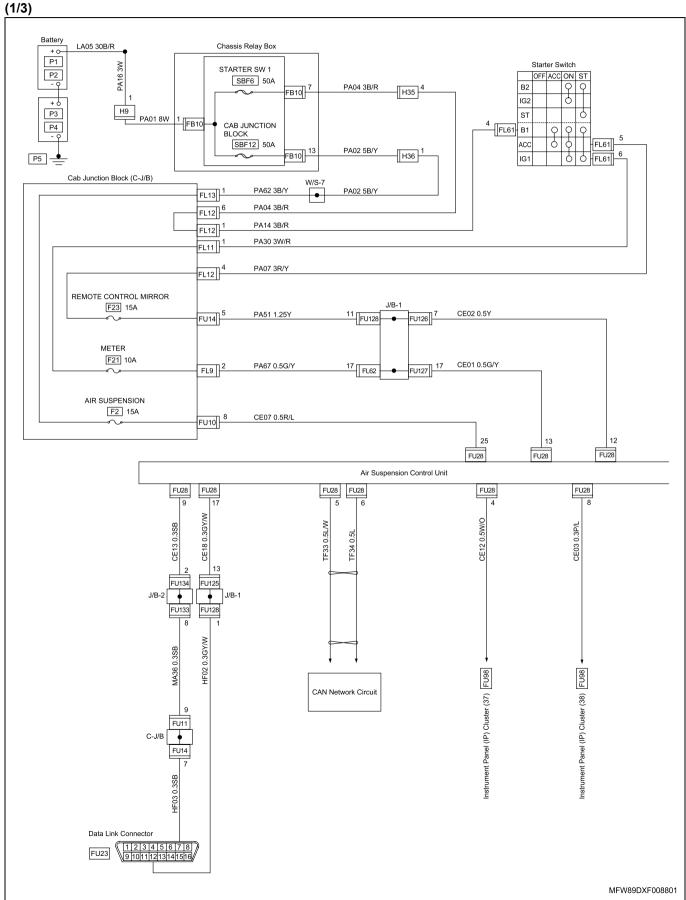
#### **Except Indonesia**

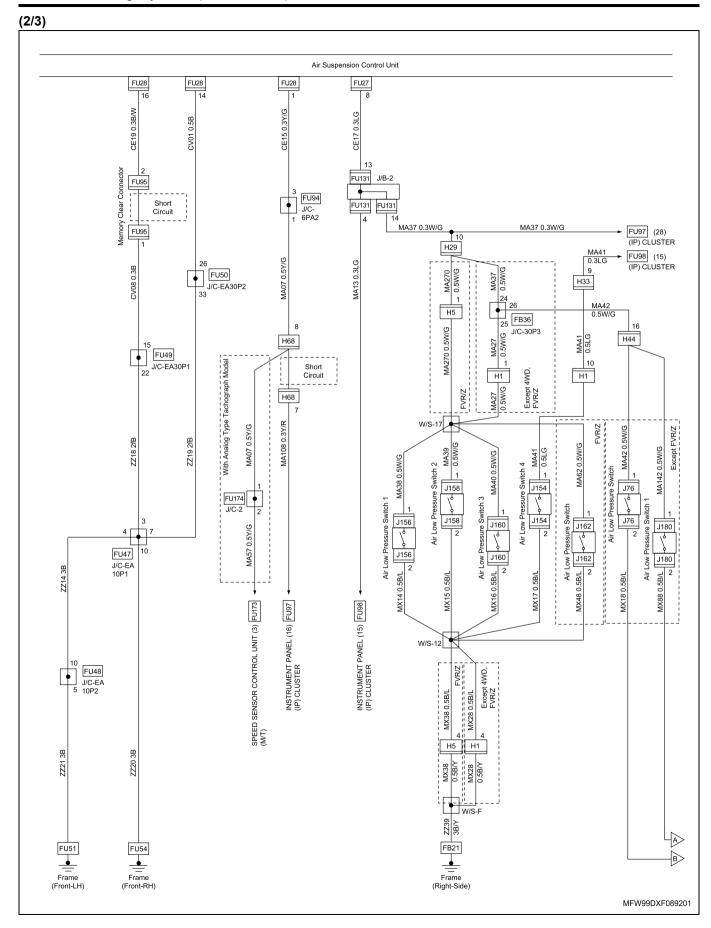


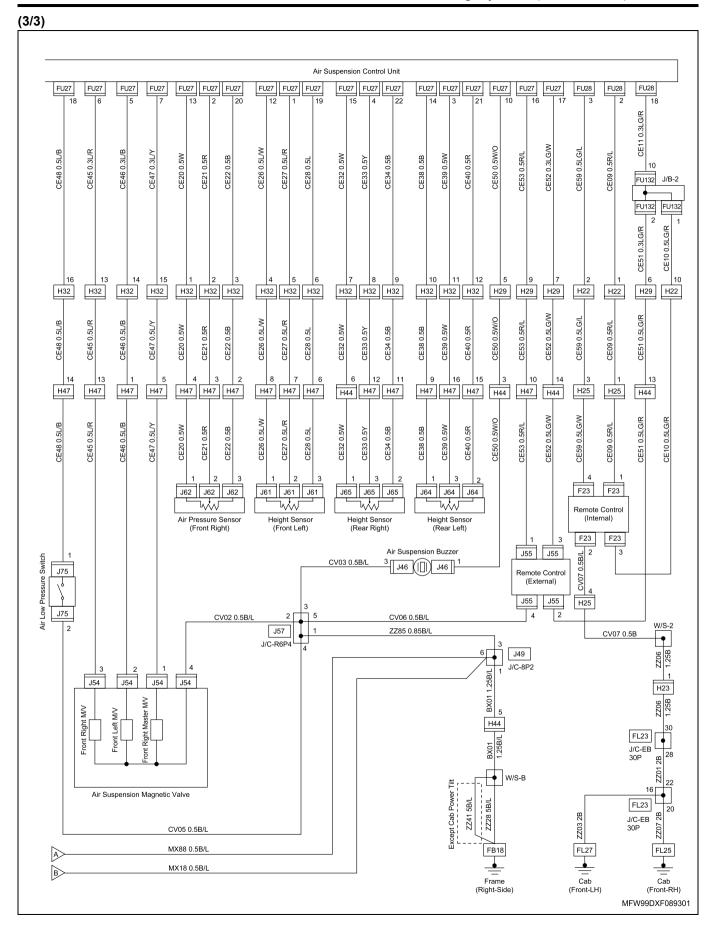
#### Indonesia



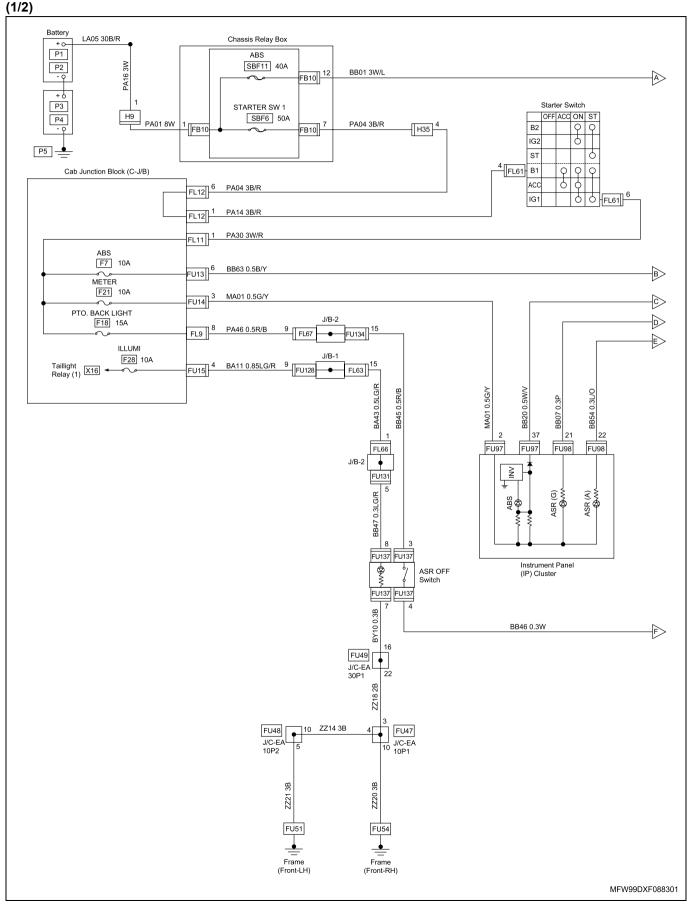
# **Air Suspension Control Unit**

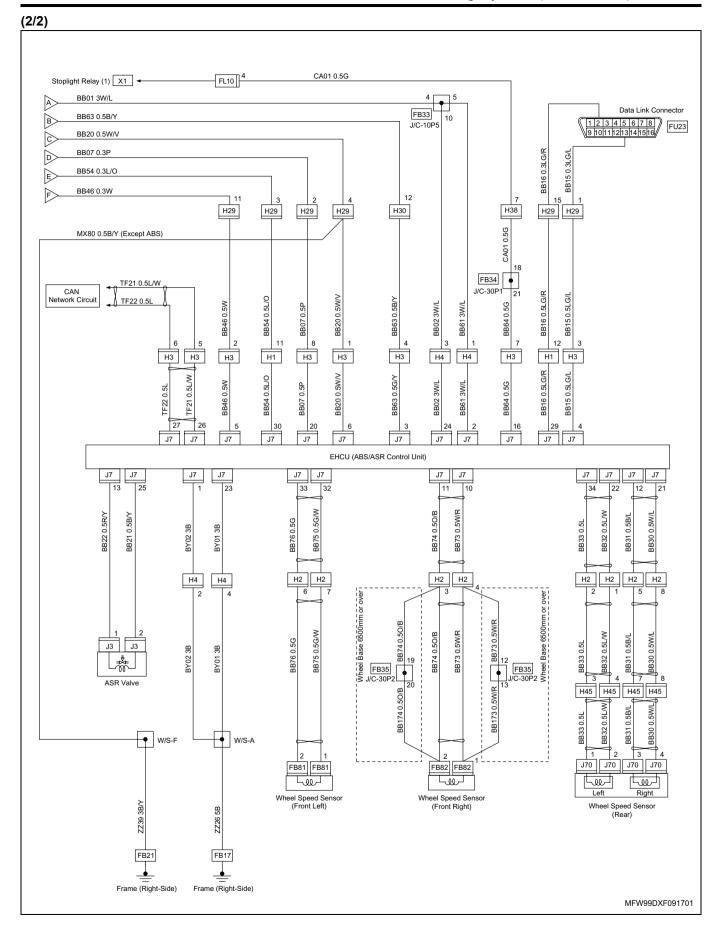






# **Electronic Hydraulic Control Unit (EHCU)**

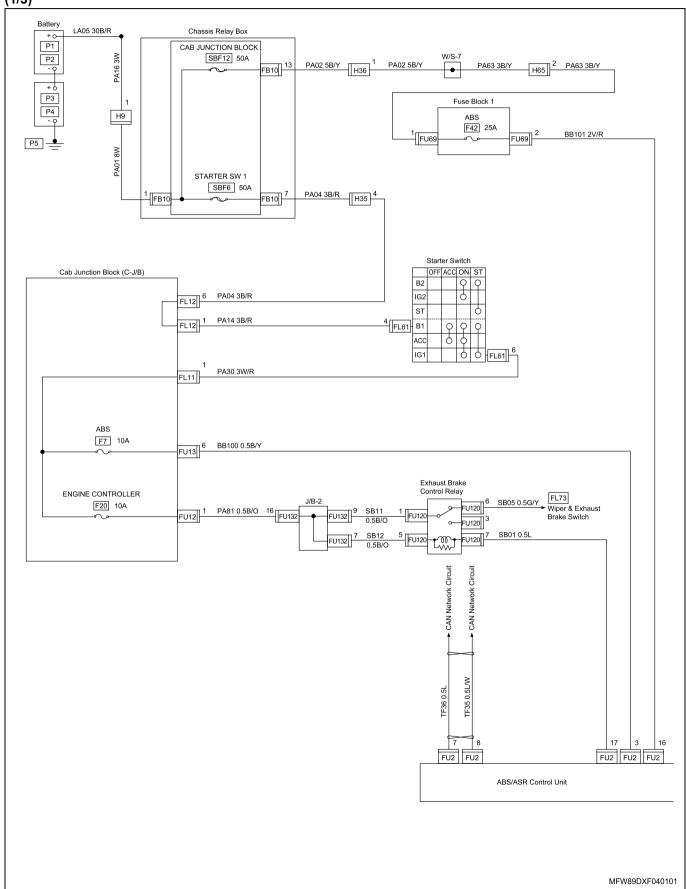


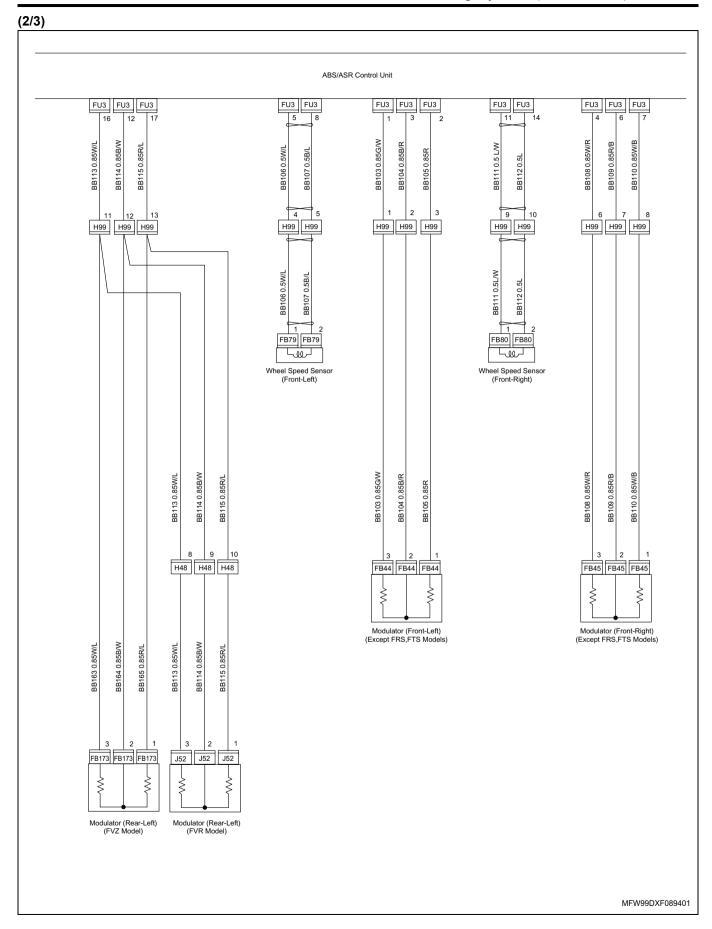


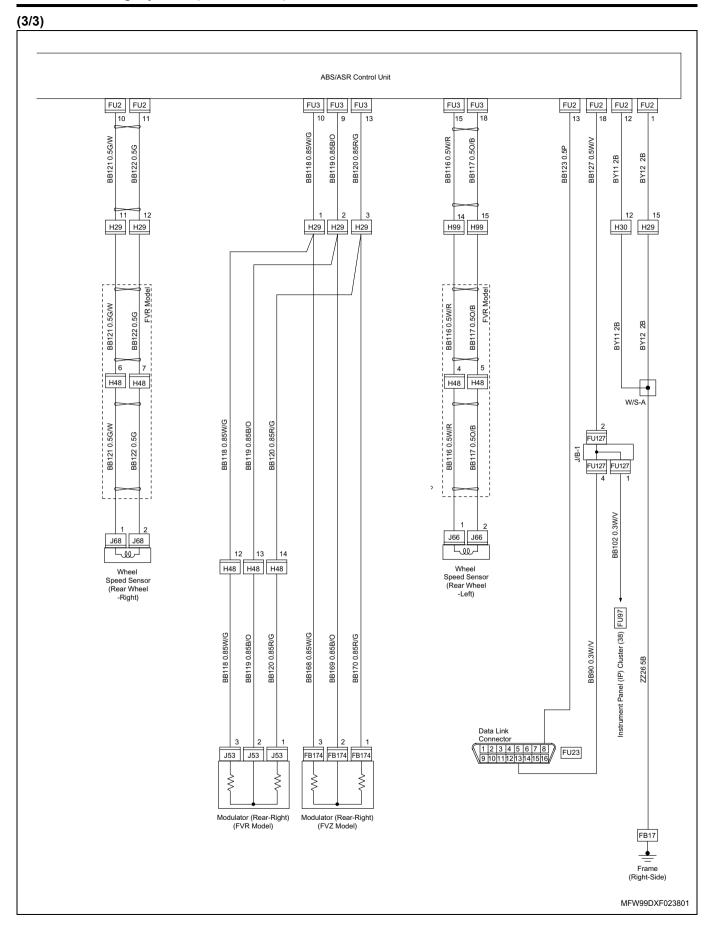
## **ABS Control Unit**

# Circuit Diagram Except Indonesia

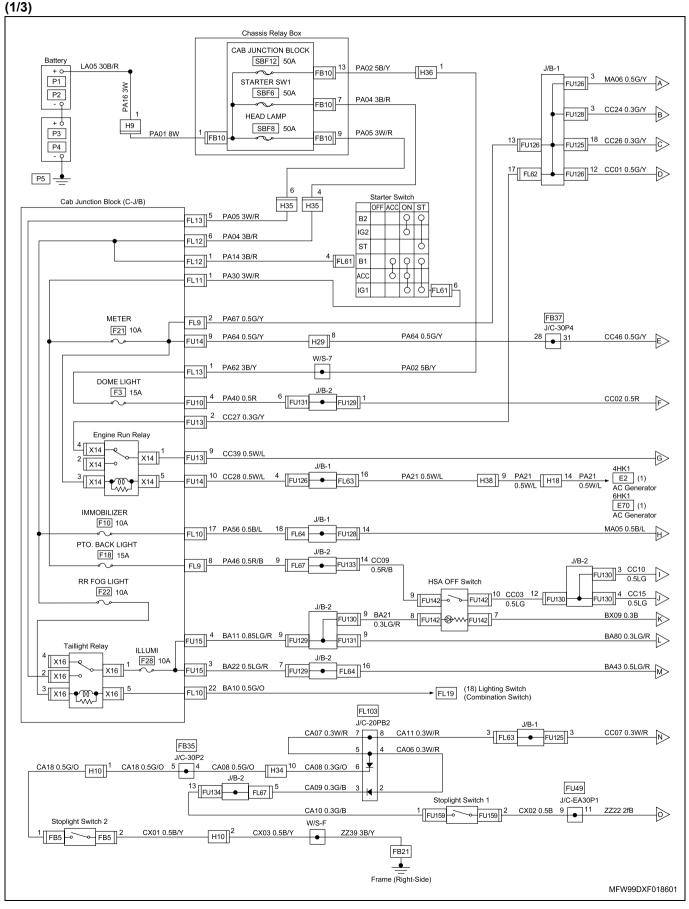
(1/3)

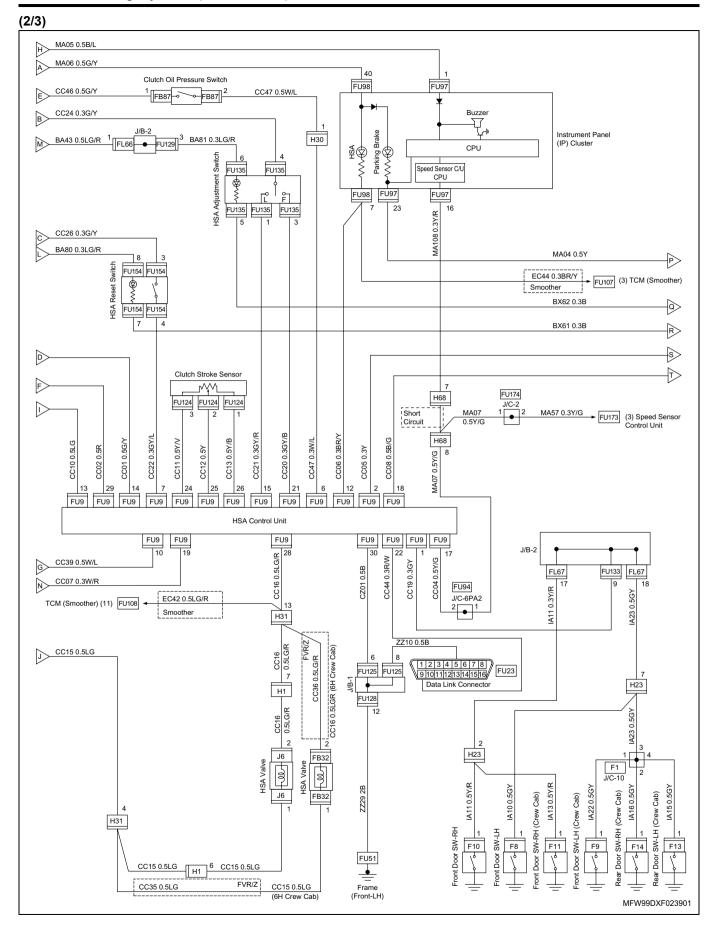


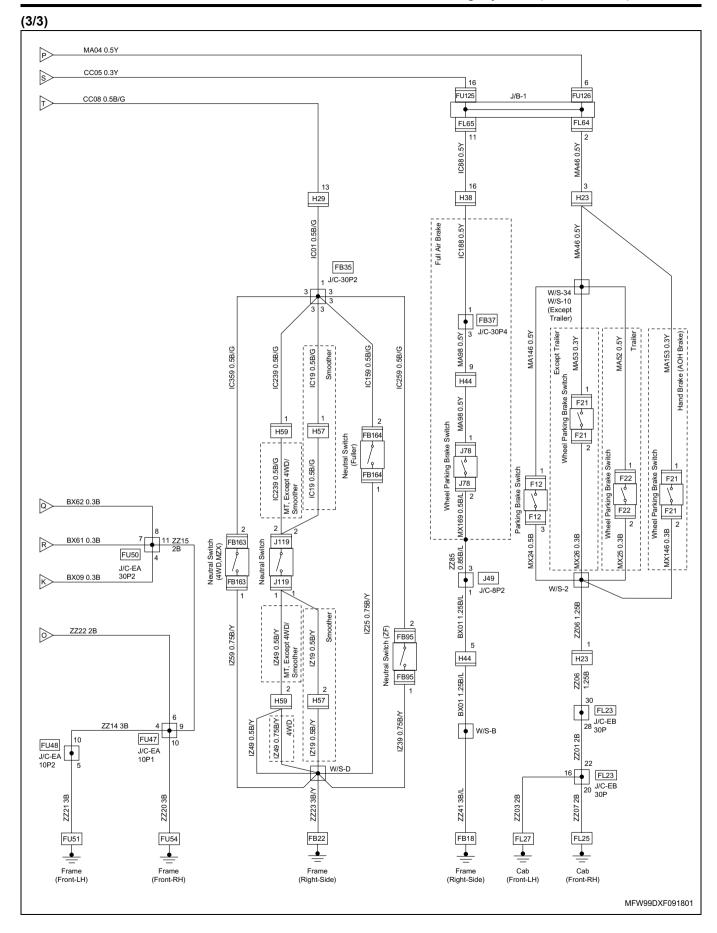




## **HSA (Hill Start Aid) System**



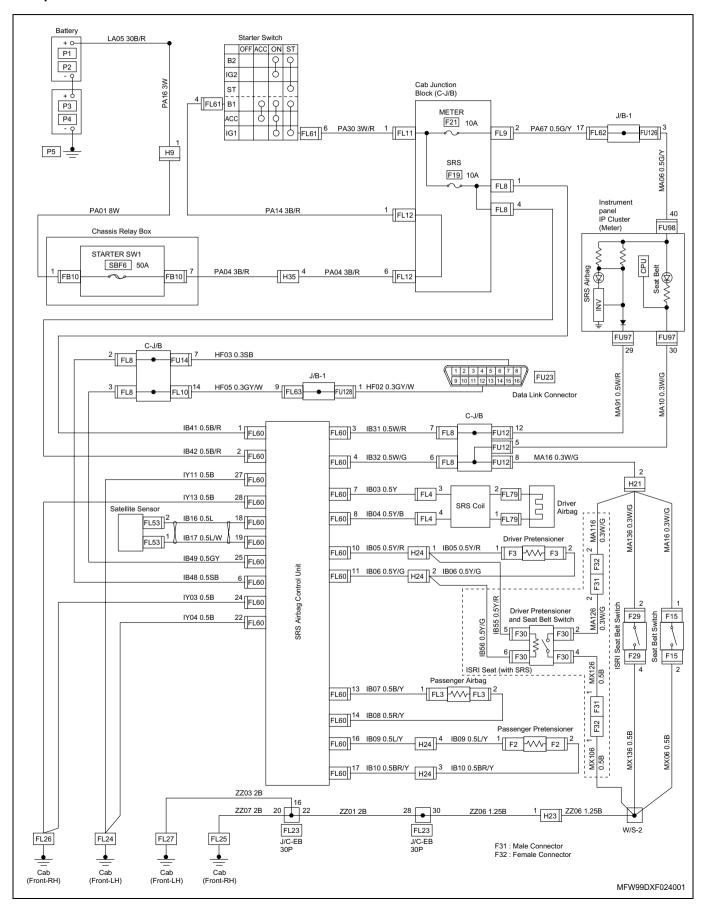




# Supplemental Restraint System (SRS) Airbag System

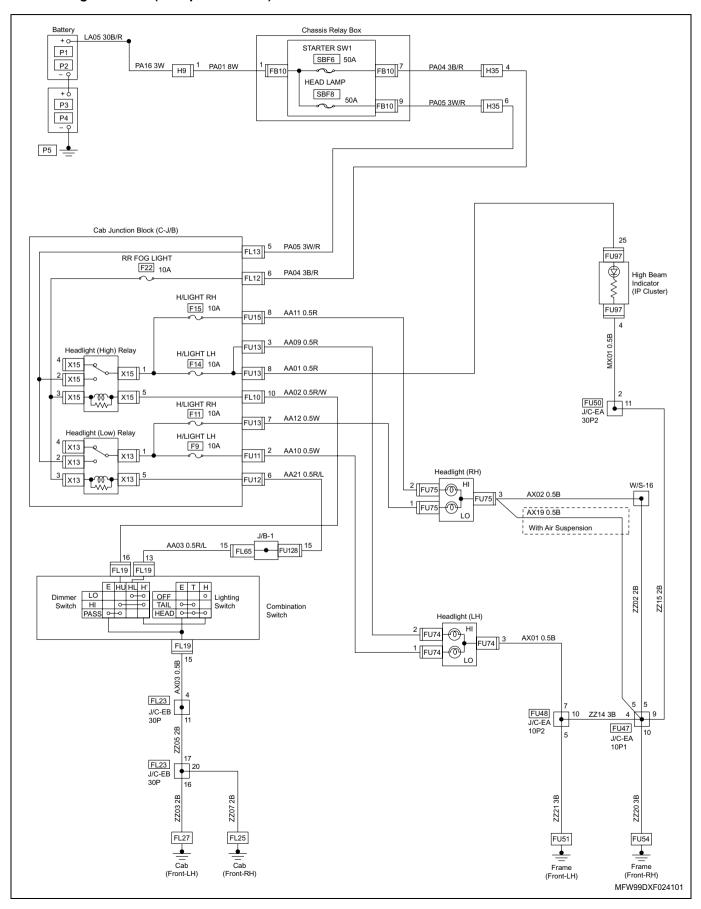
## **Circuit Diagram**

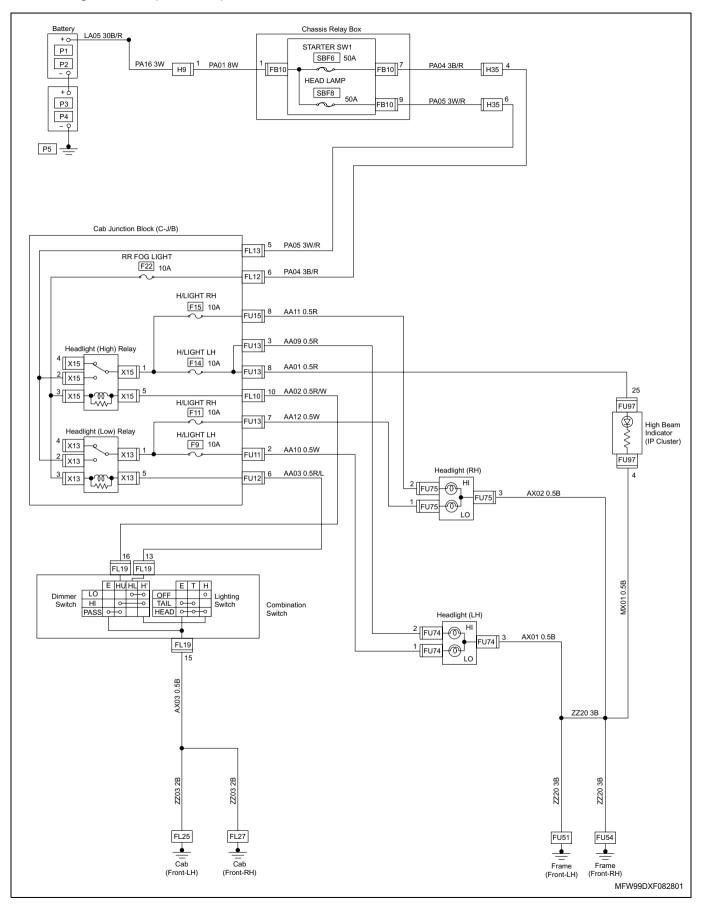
#### **Except Indonesia**



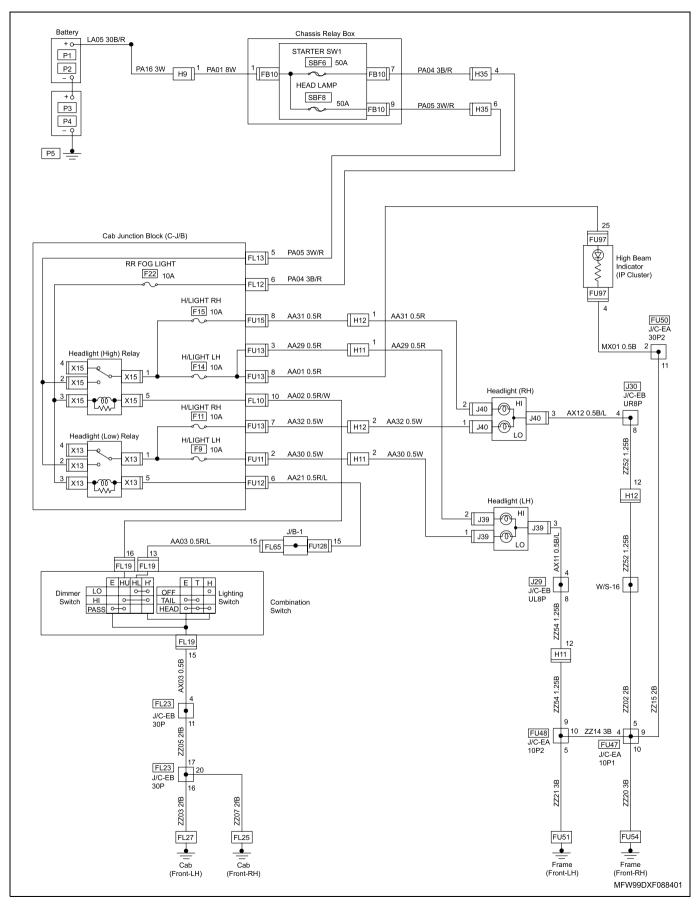
# Headlight(Halogen)

## **Circuit Diagram**



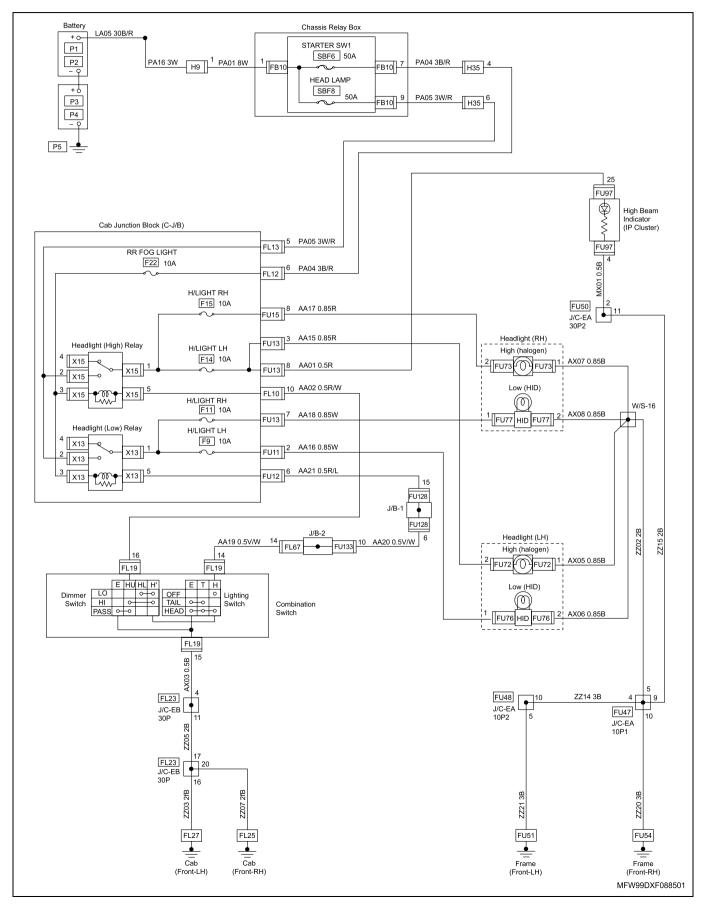


#### **Bumper Headlight Vehicle (Except Indonesia)**



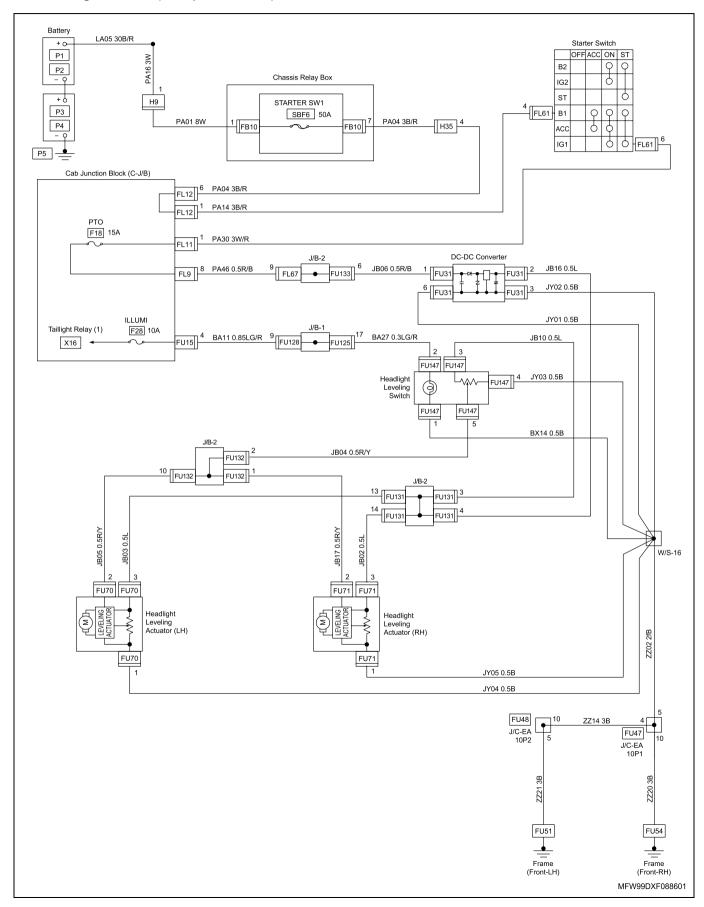
## **Headlight (HID)**

### **Circuit Diagram**

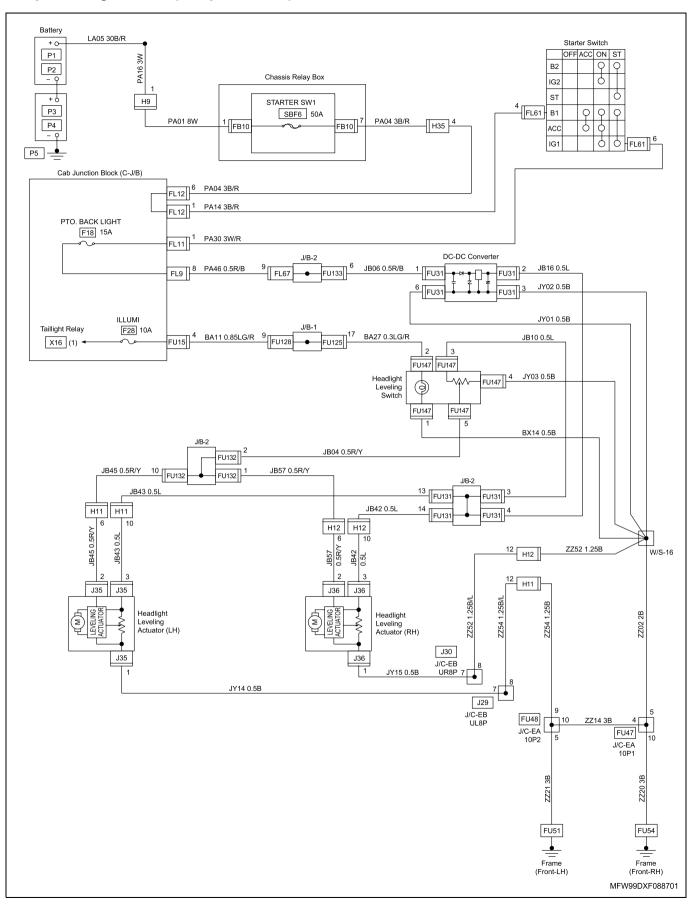


# **Headlight Manual Leveling**

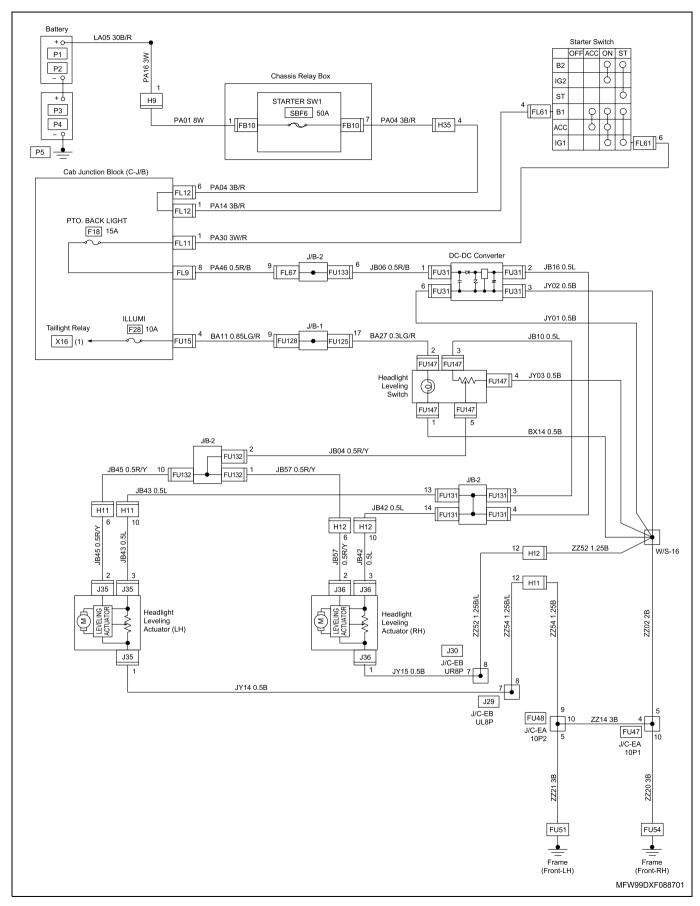
### **Circuit Diagram**



#### **Bumper Headlight Vehicle (Except Indonesia)**

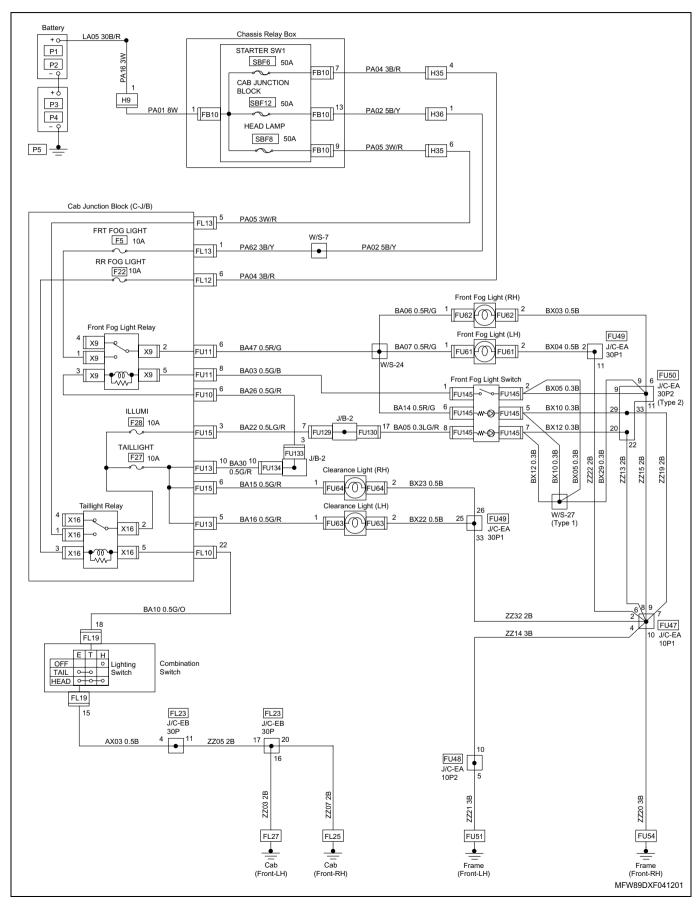


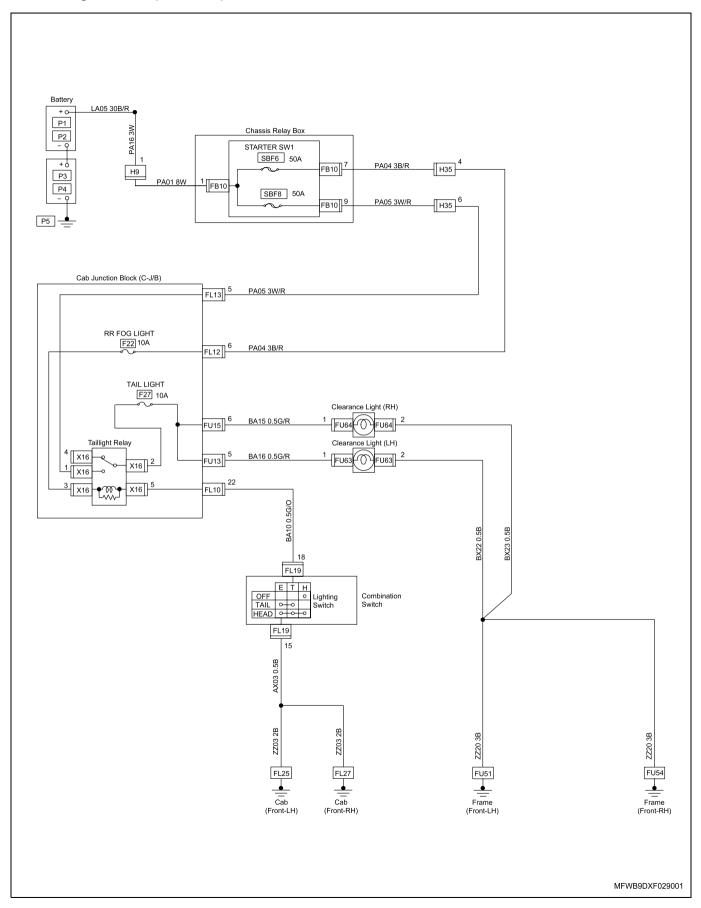
### **Bumper Headlight Vehicle (Except Indonesia 4WD)**



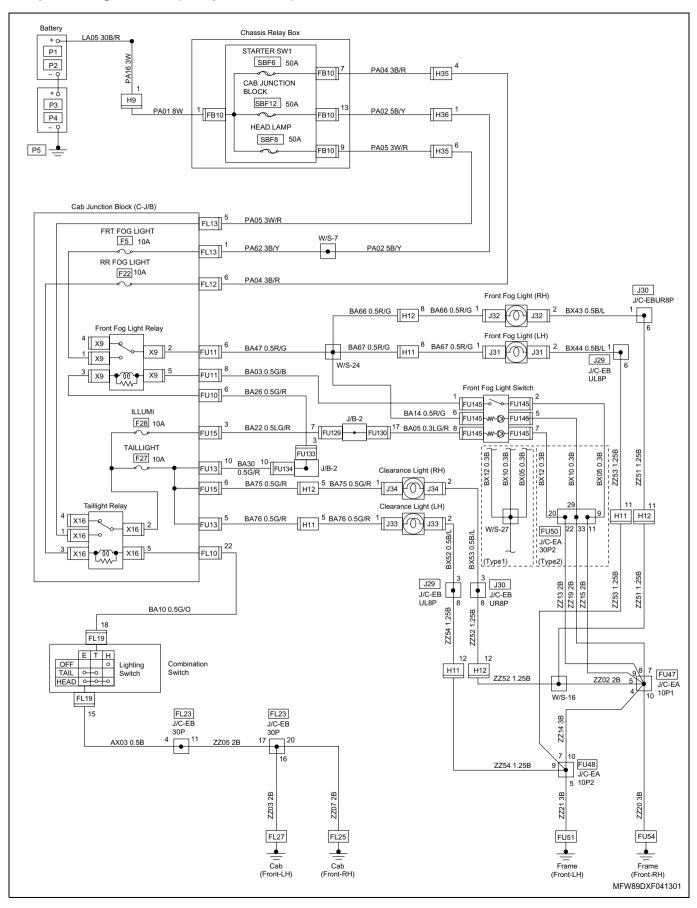
# Fog Light/Clearance Light

### **Circuit Diagram**

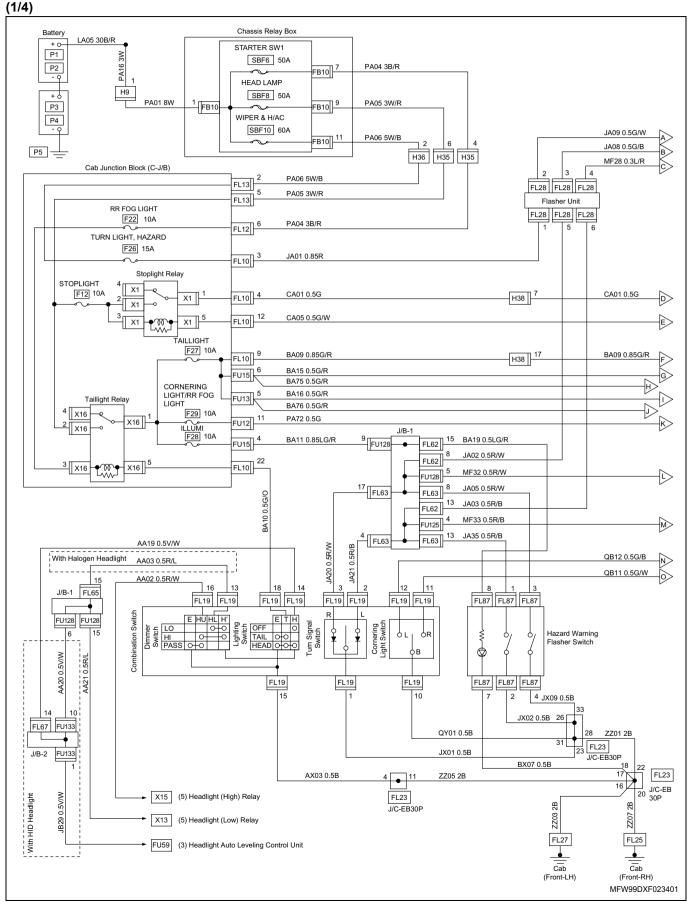




#### **Bumper Headlight Vehicle (Except Indonesia)**



# Taillight/Stoplight/Cornering Light



#### 9D-178 Wiring System (RHD model) (2/4)Cornering Light (RH) (Door Installation) H14 5 QB03 0.5G FU131 7 QB03 0.5G 2 D3 D3 1 QB07 0.5G/W 13 FU129 H16 10 QB07 0.5G/W Cornering Light (LH) FU129 17 QB02 0.5G 5 QB02 0.5G QB06 0.5G/B H15 3 D2 (D2) 1 J28 0 J28 2 QB27 0.5G/W QB05 0.5G H12 4 H12 3 Cornering Light (LH) 17 QB04 0.5G H11 4 QB04 0.5G J27 2 QB26 0.5G/B J27 J/B-1 FU125 12 4 FL62 QB12 0.5G/B FL66 FU134 12 QB11 0.5G/W 12 FL67 FL67 3 CA05 0.5G/W FL103 J/C-20PB2 CA07 0.3W/R 4 CA06 0.3W/R FB35 J/C-30P2 CA18 0.5G/O CA08 0.5G/O H34 10 CA08 0.3G/O H10 IC156 0.5G/O ECM (55) FB24 13 FU134 CA09 0.3G/B 4 FL67 ECM (54) FB24 FU49 Stoplight Switch 1 J/C-EA30P1 CA10 0.3G/B ZZ22 2B 1 FU159 Stoplight Switch 2 W/S-F CA18 0.5G/O CX01 0.5B/L CX03 0.5B/Y 1 FB5 - FB5 2 H10 • ZZ39 3B/Y Clearance Light (RH) (Cab Installation) BA15 0.5G/R FU64 0 FU64 2 BX23 0.5B Clearance Light (LH) (Cab Installation) BX22 0.5B BA16 0.5G/R FU63 FU63 FU49 J/C-EA 30P1 Clearance Light (RH) (Bumper Installation) W/S-16 H12 5 BA75 0.5G/R BX53 0.5B/L <sup>3</sup> 8 ZZ521.25B H12 12 BA75 0.5G/R 1 J34 O J34 J30 J/C-EB UR8P ZZ02 2fB ZZ32 Clearance Light (RH) (Bumper Installation) BA76 0.5G/R H11 5 BA76 0.5G/R BX52 0.5B/L <sup>3</sup> 8 ZZ541.25B H11 12 1 J33 0 J33 FU48 J/C-EA 10P2 FU47 J29 J/C-EB UL8P J/C-EA 10P1 ZZ203B ZZ21 FU51 FU54 FB21

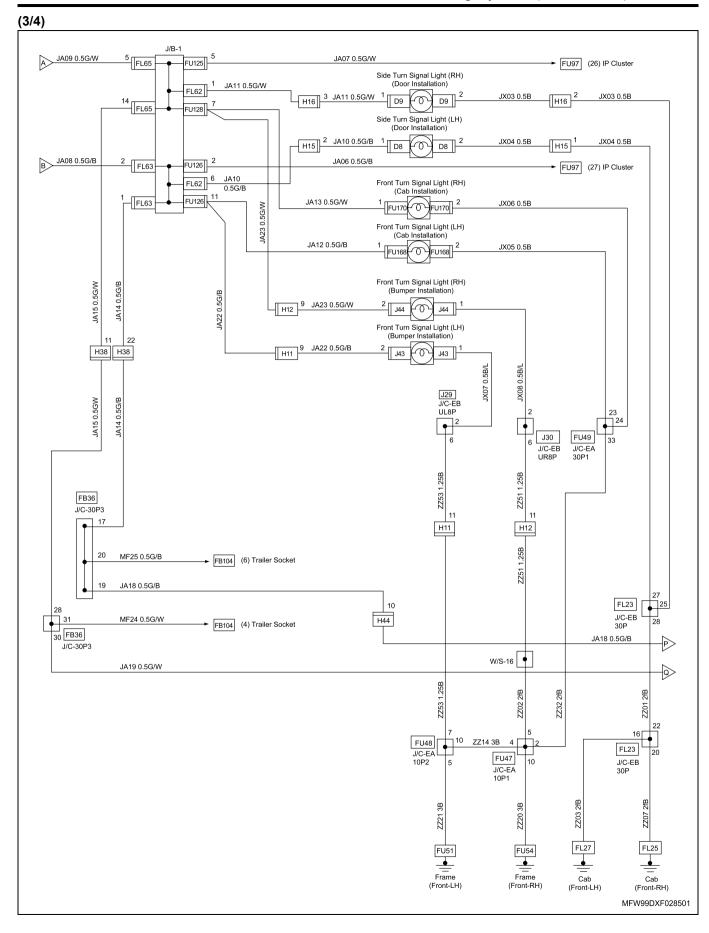
\_

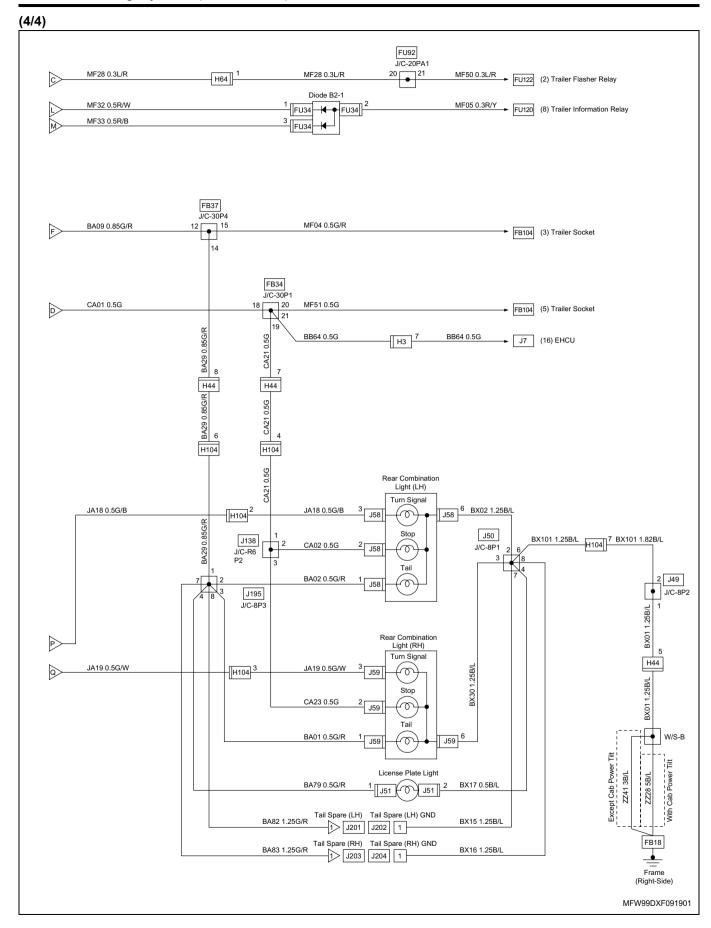
Frame (Right-Side)

MFW89DXF039501

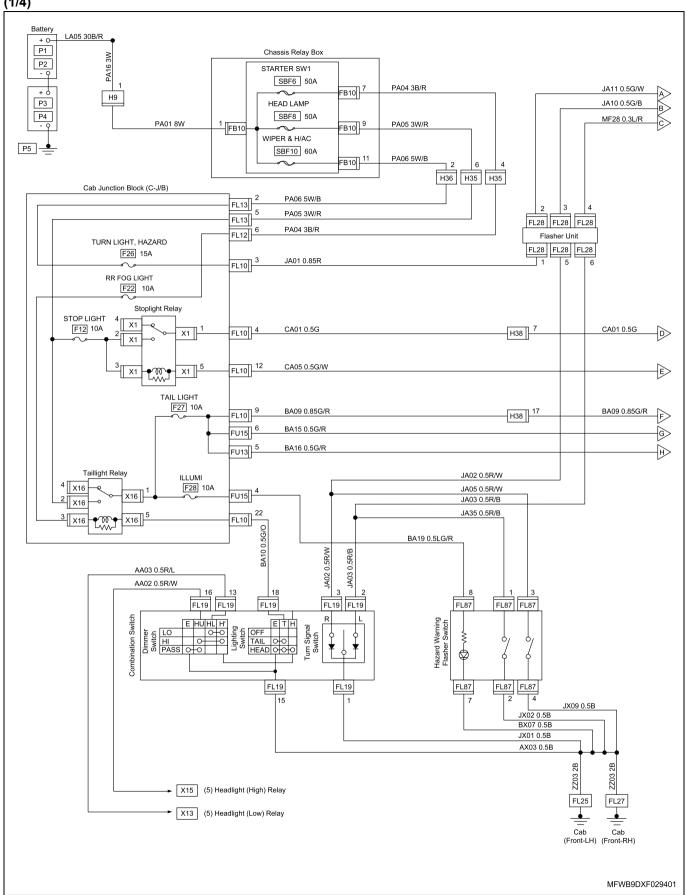
Frame

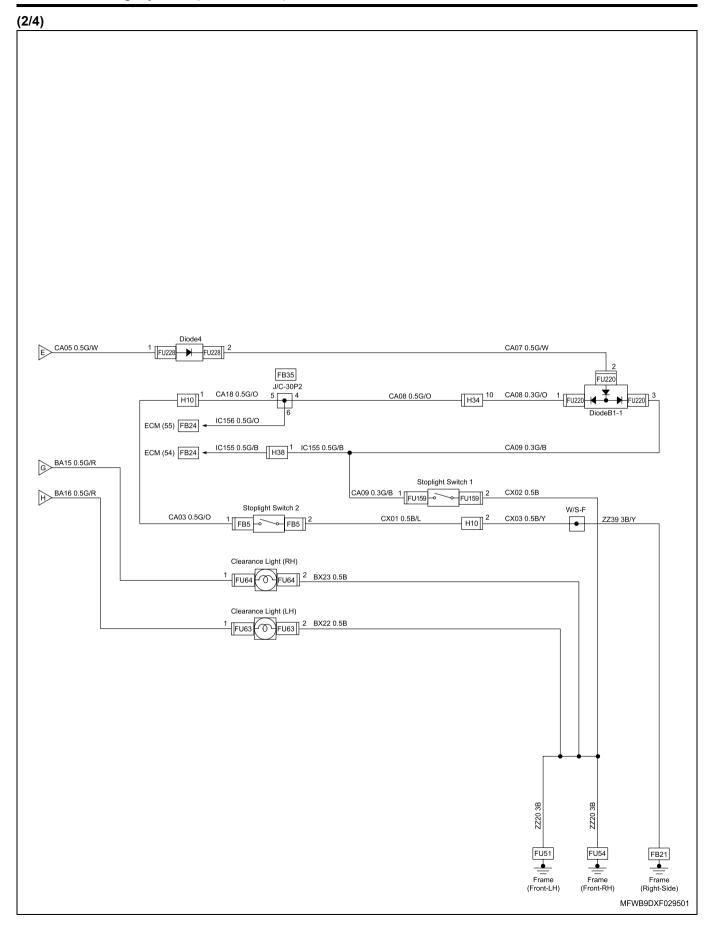
Frame (Front-LH)

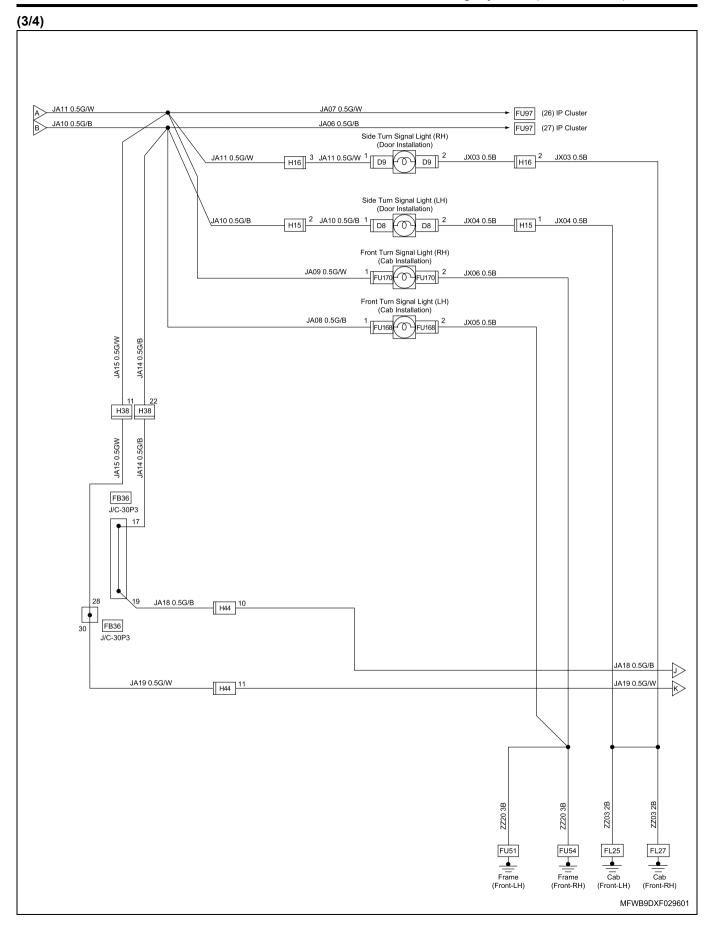


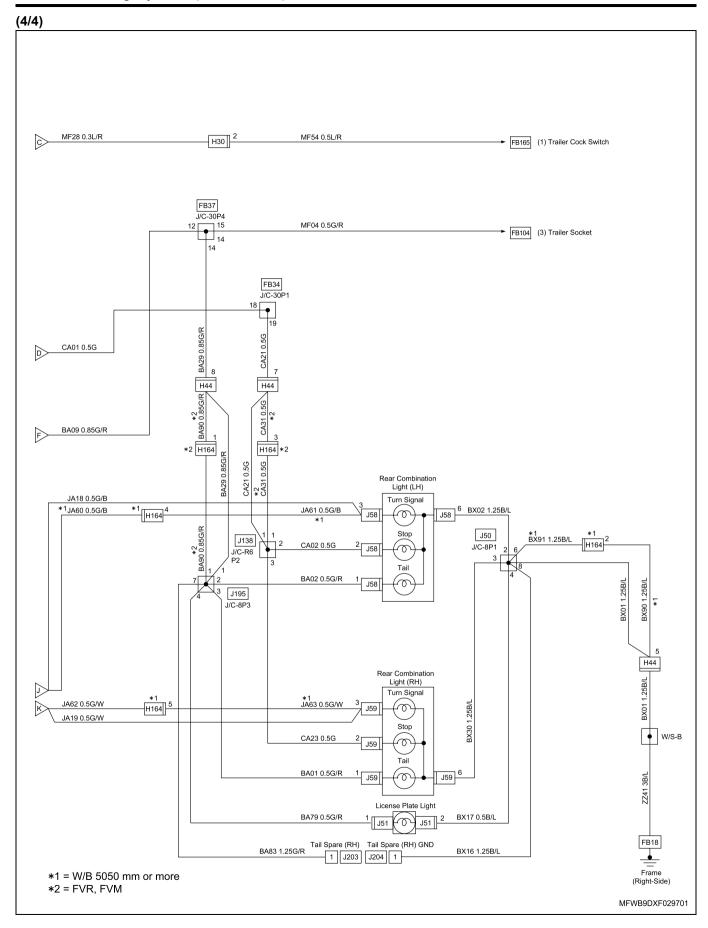


(1/4)



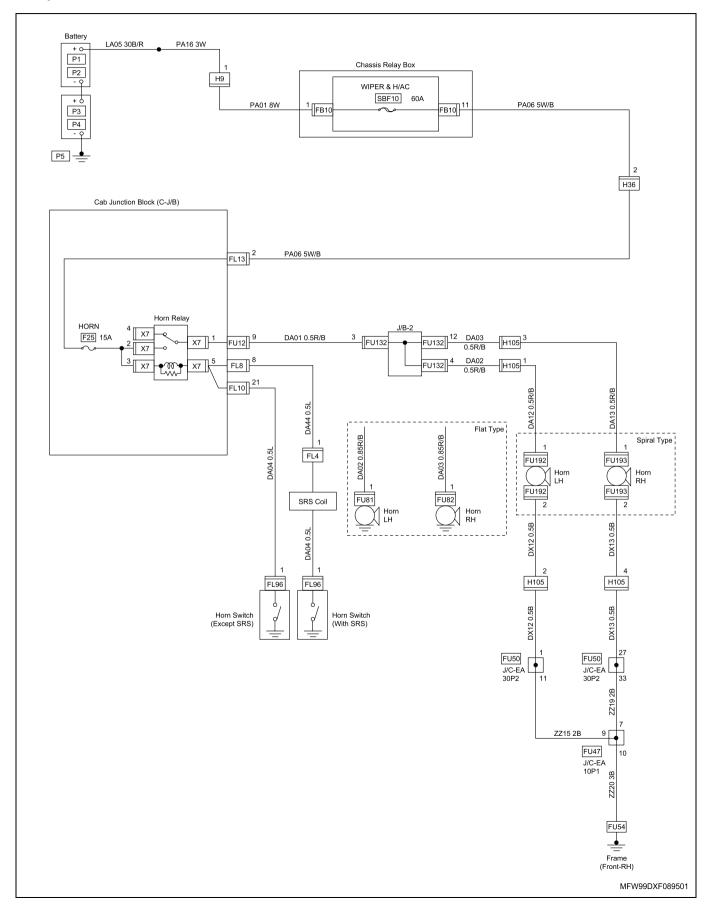


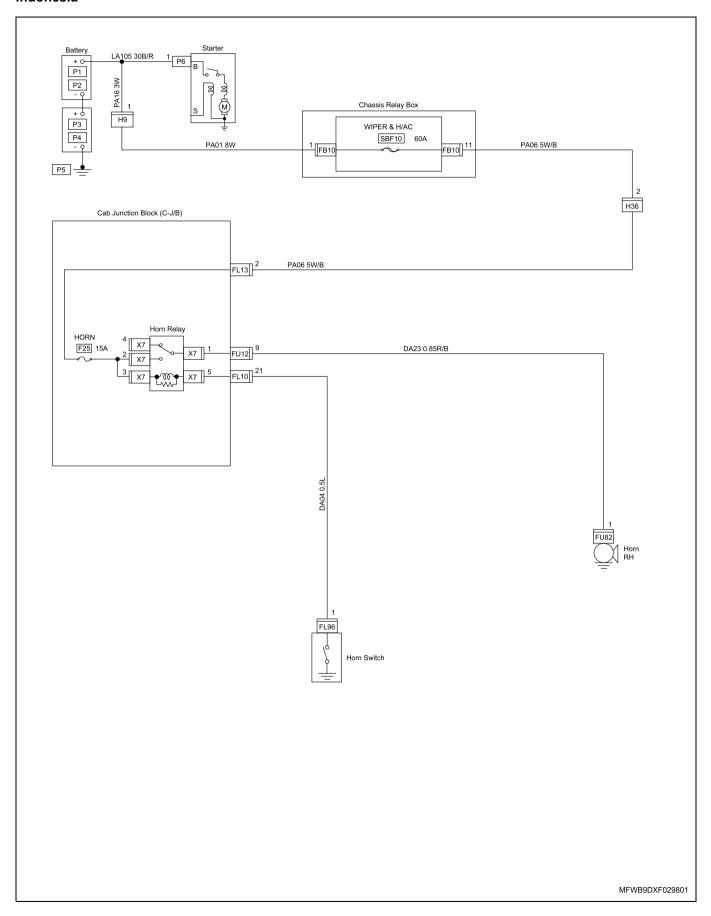




# Horn

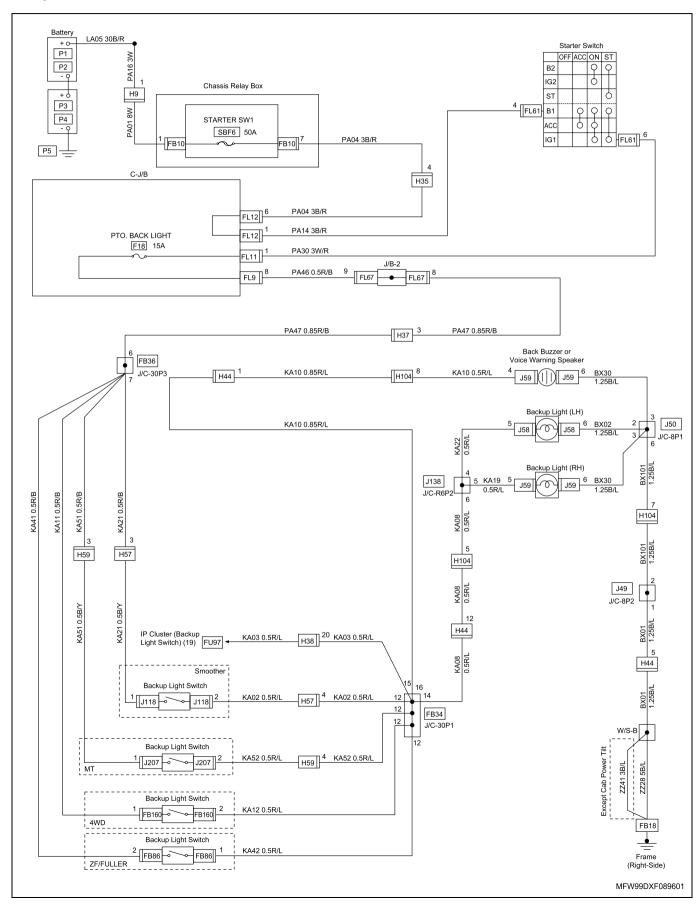
## **Circuit Diagram**

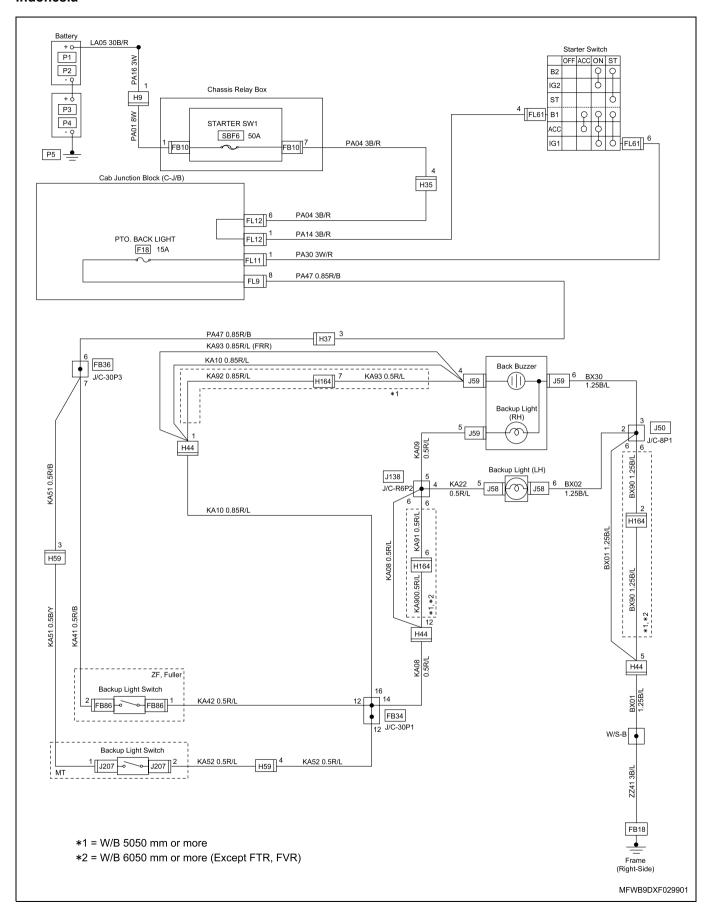




# **Backup Light/Back Buzzer**

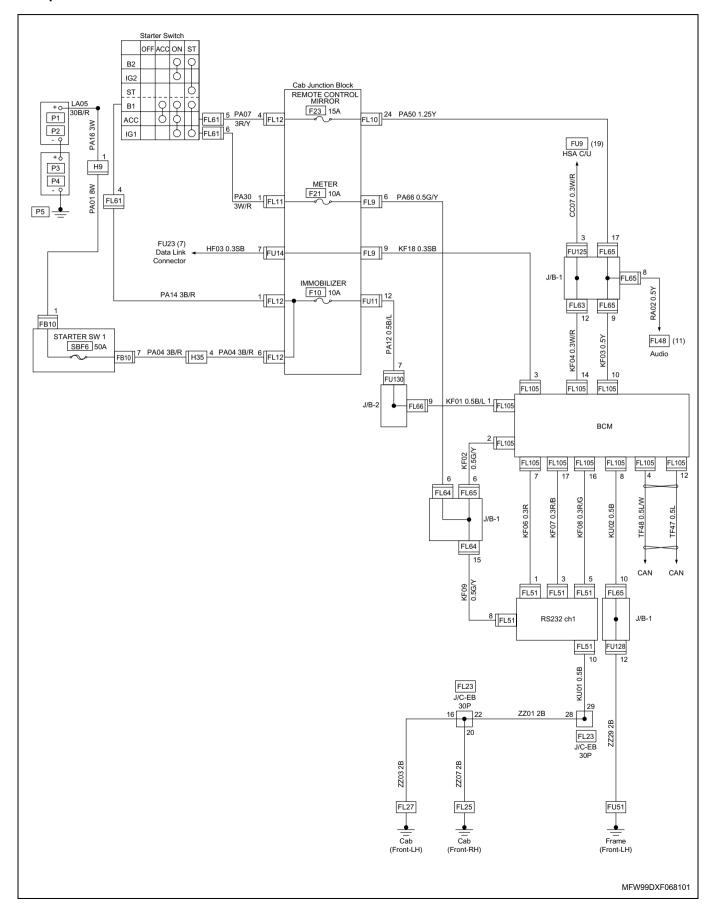
# **Circuit Diagram**





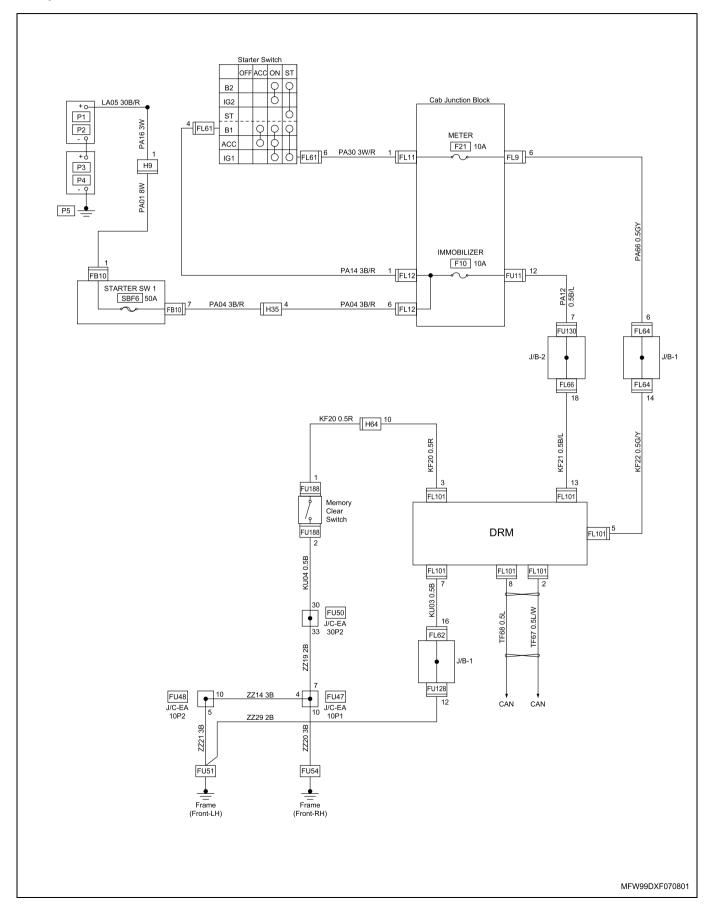
# **Body Control Module (BCM)**

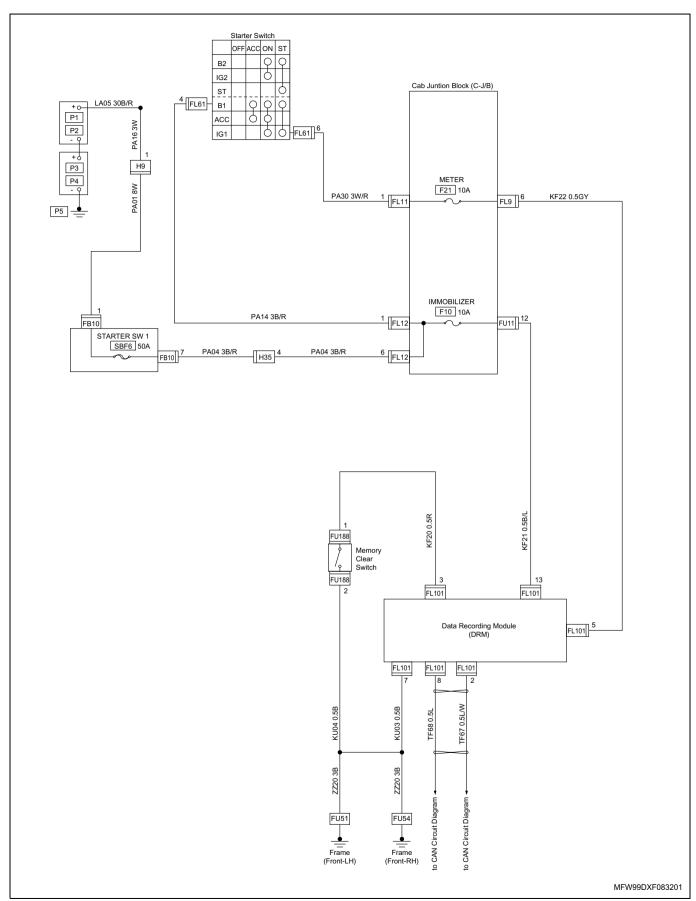
# **Circuit Diagram**



# **Data Recording Module (DRM)**

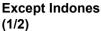
## **Circuit Diagram**

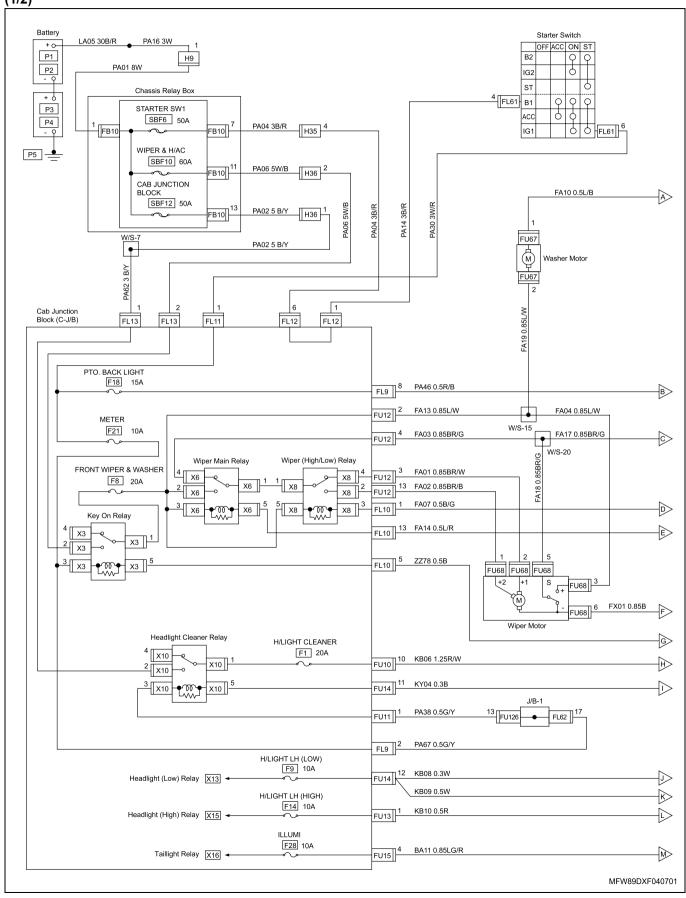


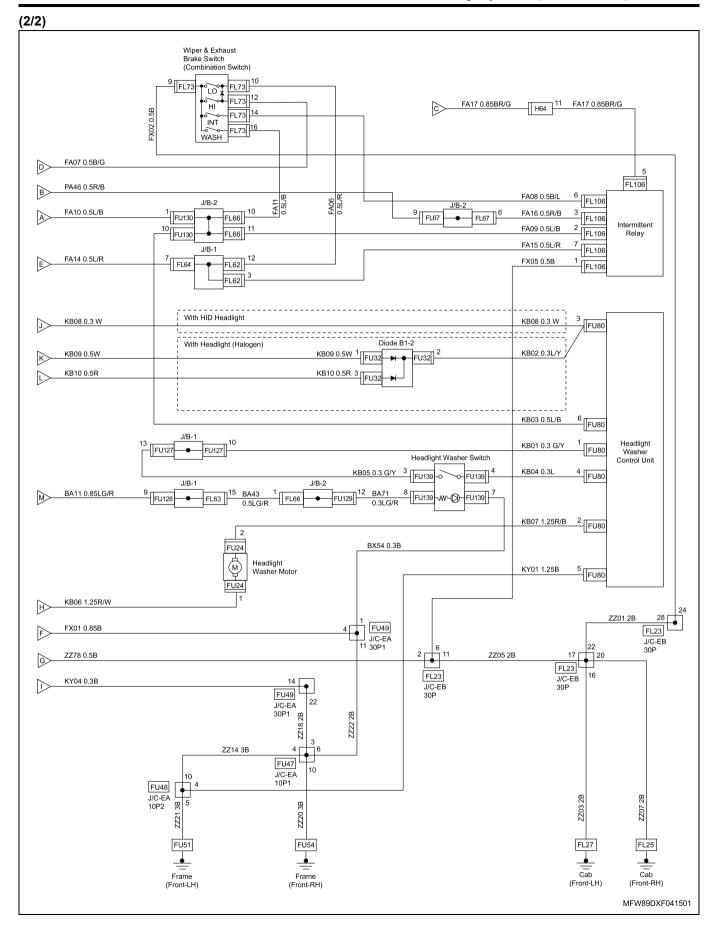


# Windshield Wiper and Washer

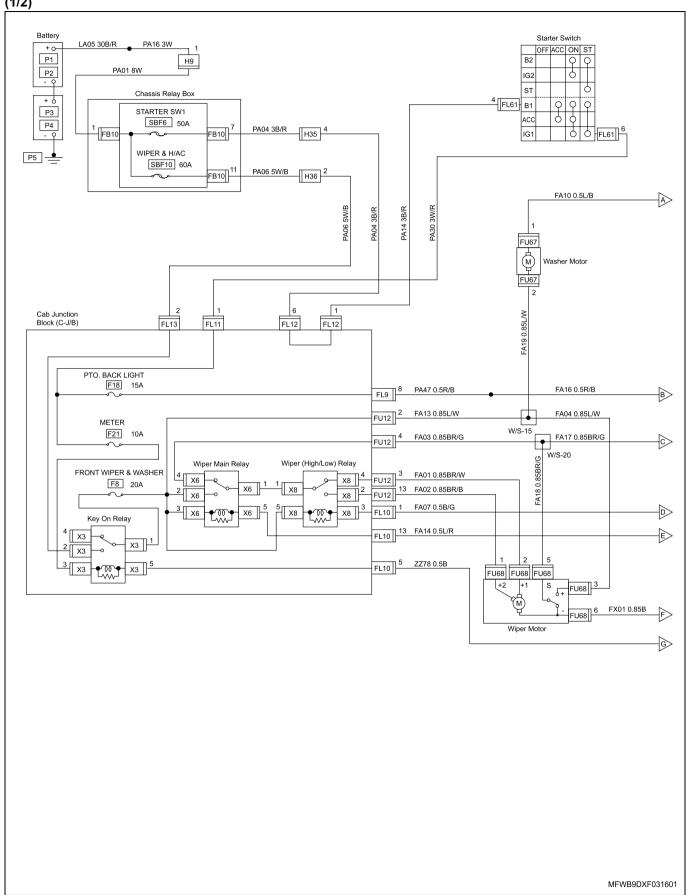
# Circuit Diagram Except Indonesia

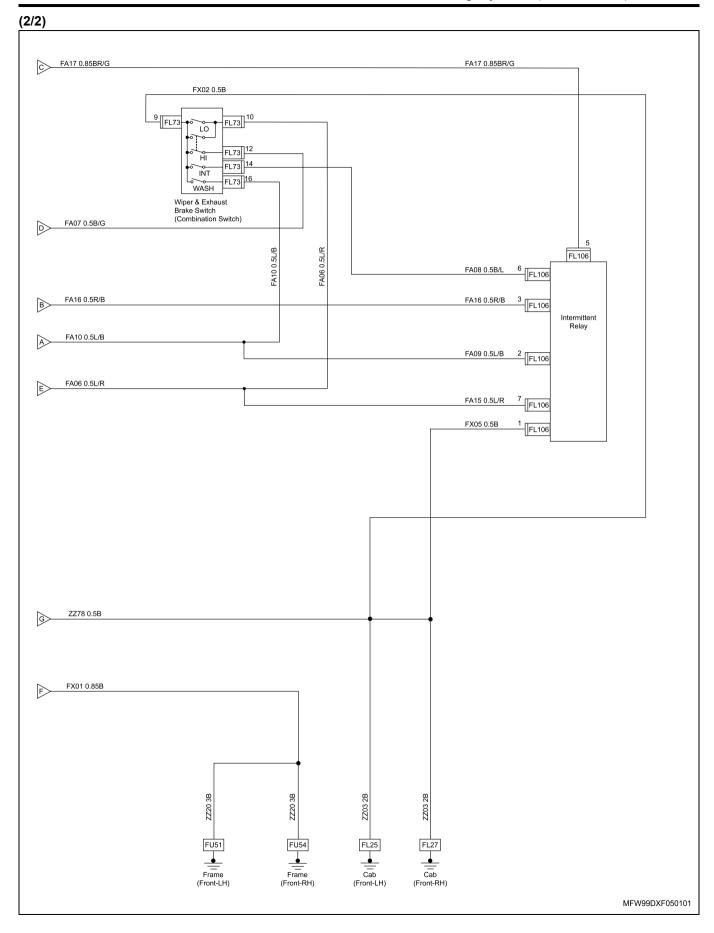






(1/2)

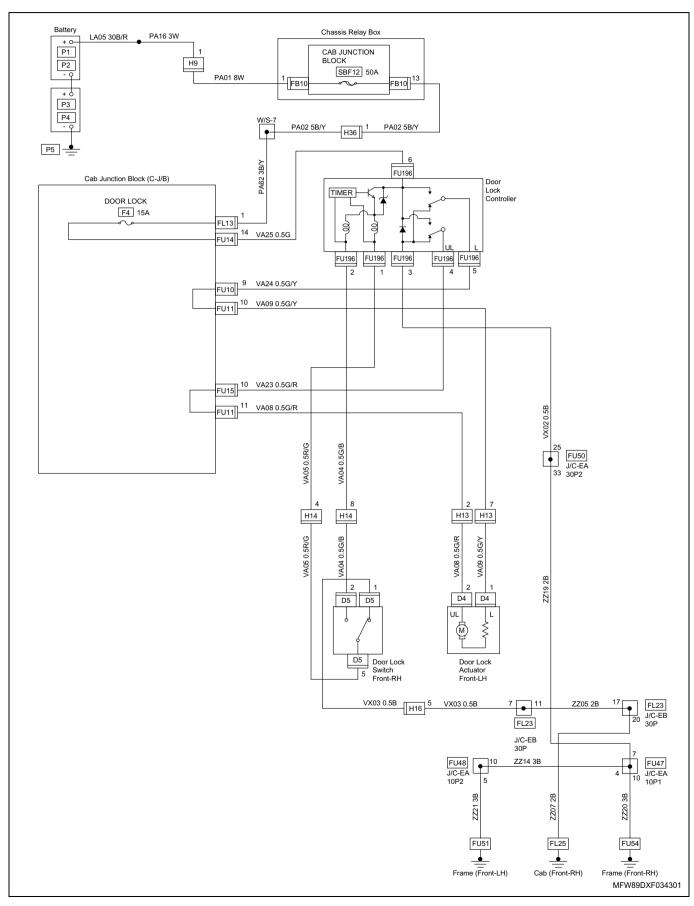




# **Power Door Lock/Keyless Entry**

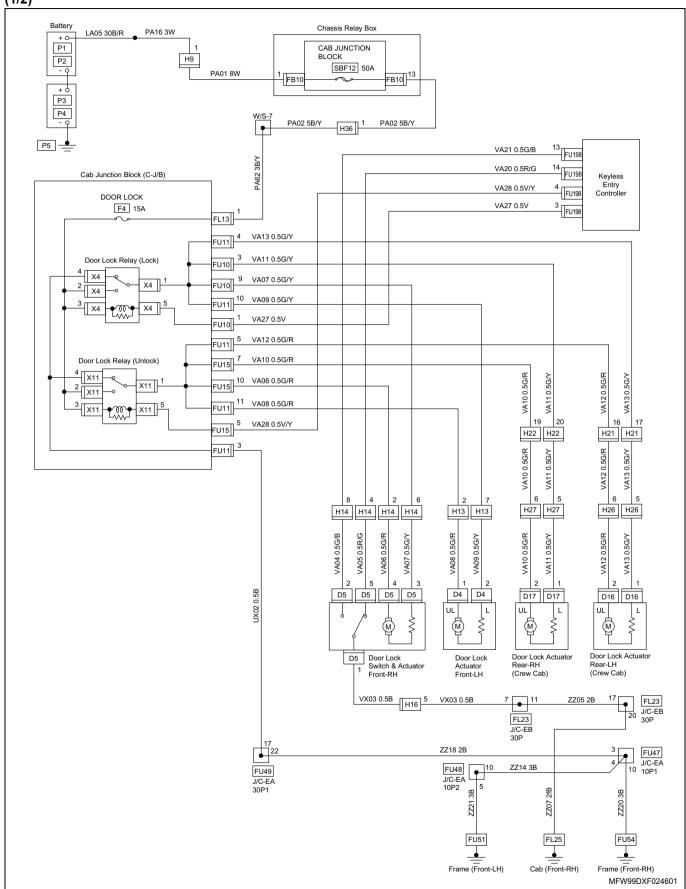
## **Circuit Diagram**

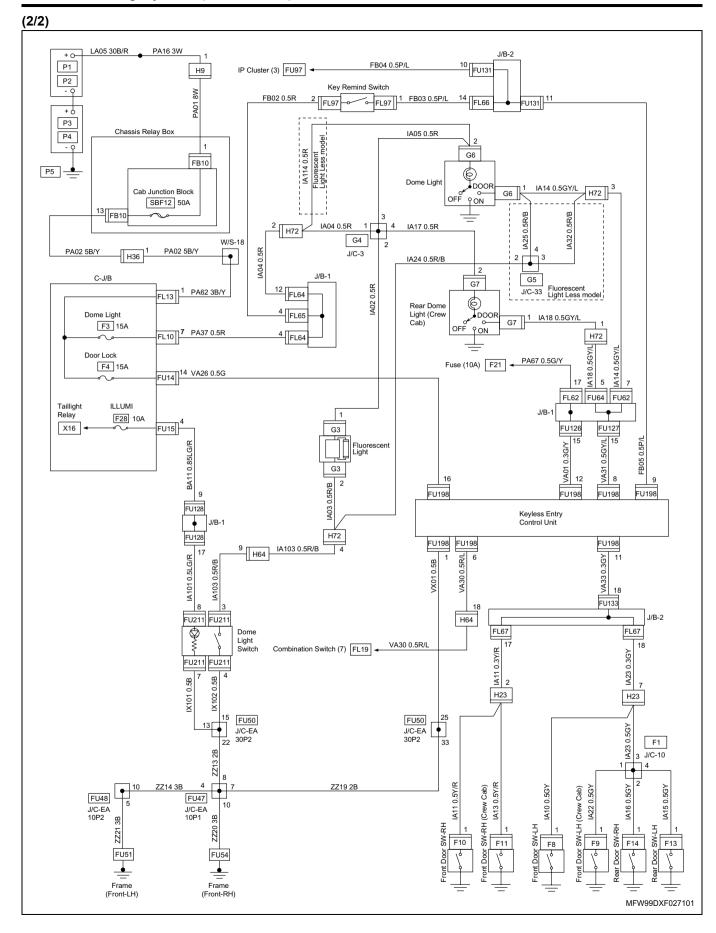
**Except Keyless Entry System (Except Indonesia)** 



#### **Keyless Entry System Equipment (Except Indonesia)**

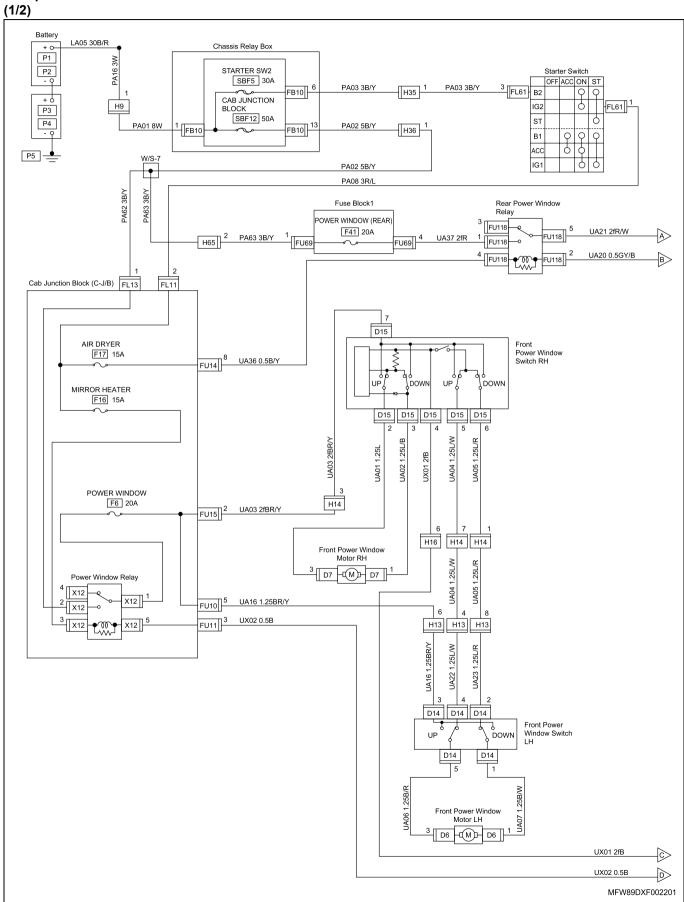
(1/2)

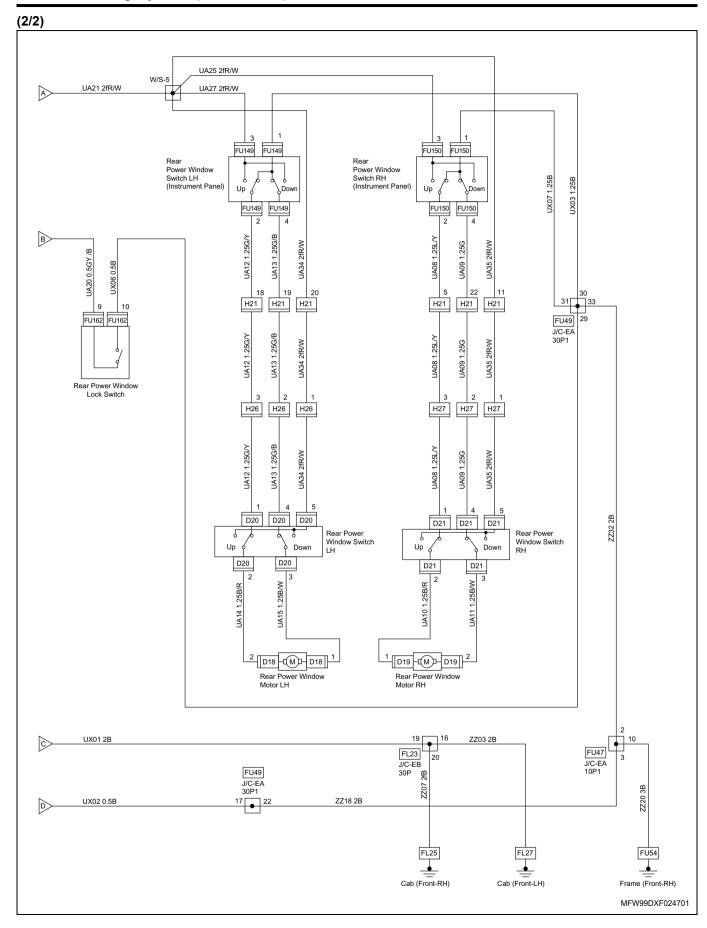




# **Power Window**

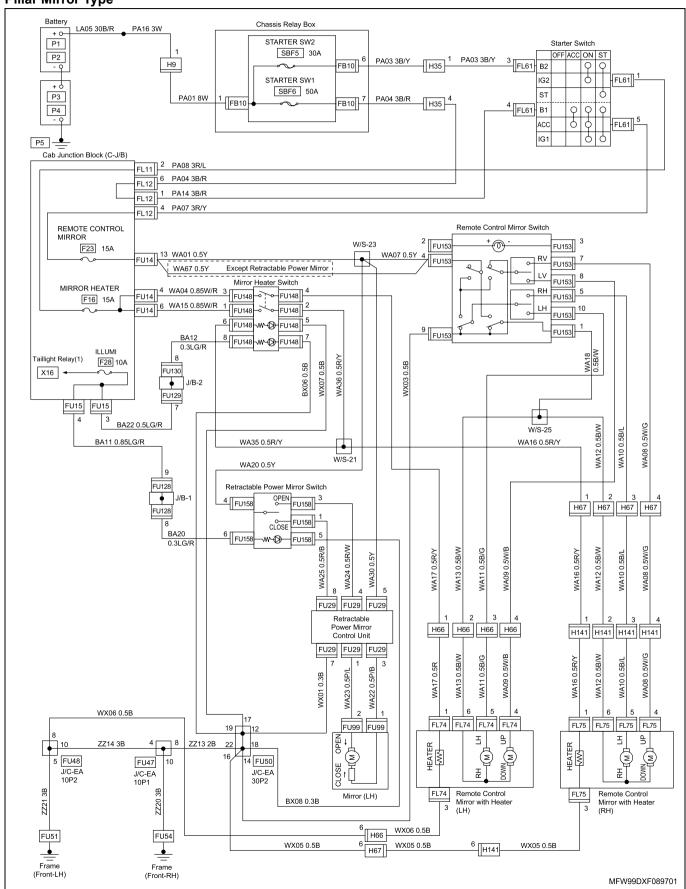
# Circuit Diagram Except Indonesia





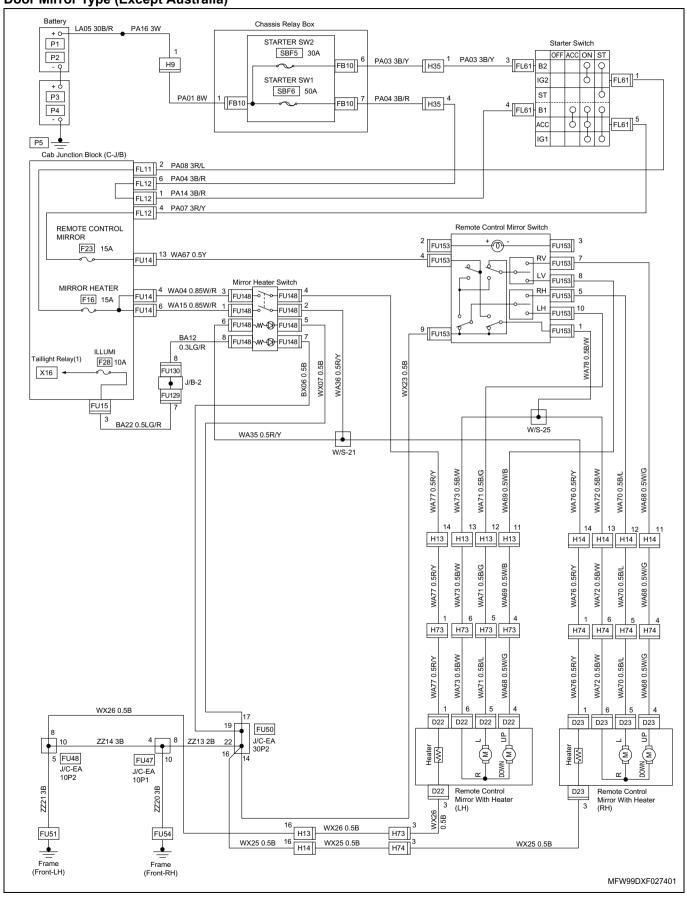
### Remote Mirror/Mirror Heater

### Circuit Diagram Except Indonesia Pillar Mirror Type



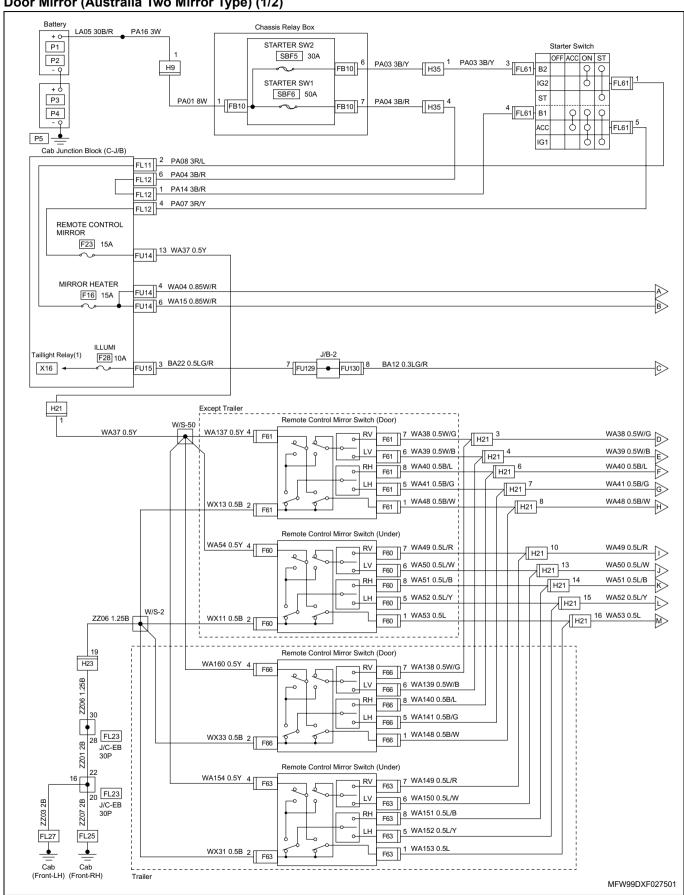
#### **Except Indonesia**

#### **Door Mirror Type (Except Australia)**



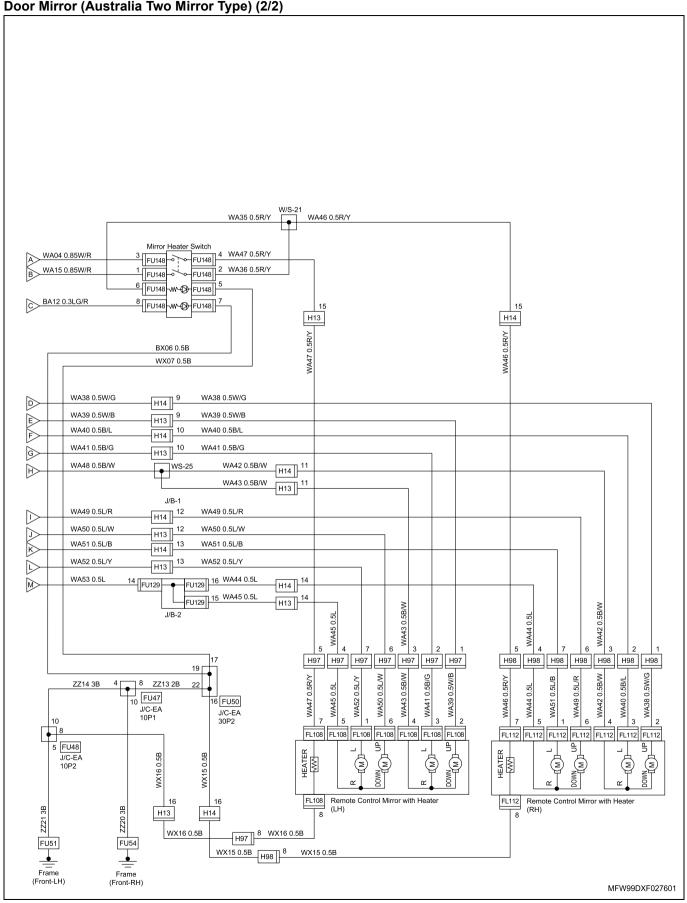
#### **Except Indonesia**

#### Door Mirror (Australia Two Mirror Type) (1/2)



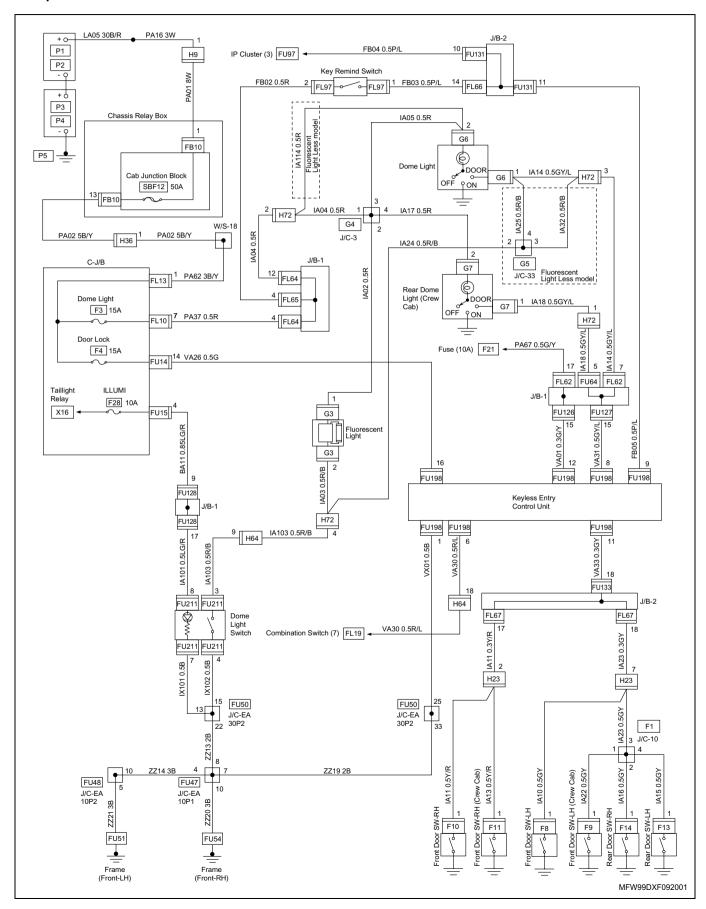
#### **Except Indonesia**

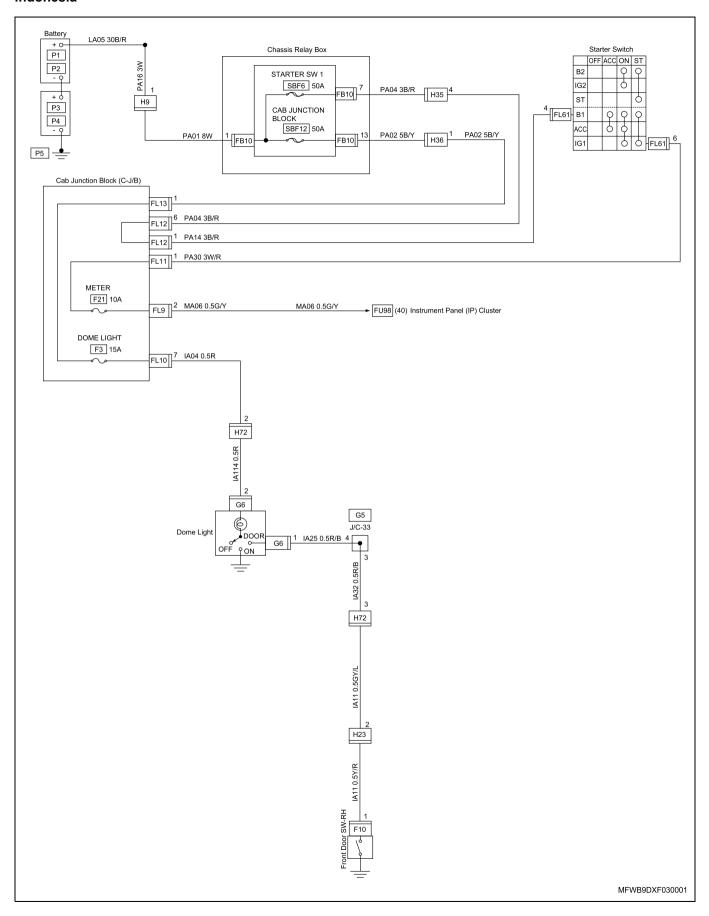
Door Mirror (Australia Two Mirror Type) (2/2)



# **Dome Light/Fluorescent Light**

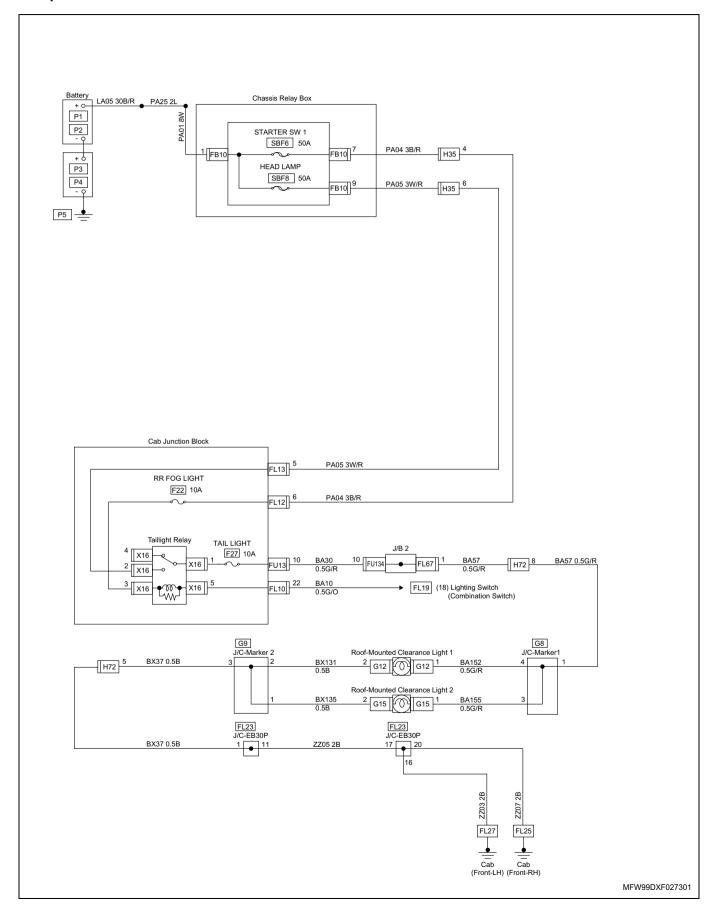
# **Circuit Diagram**

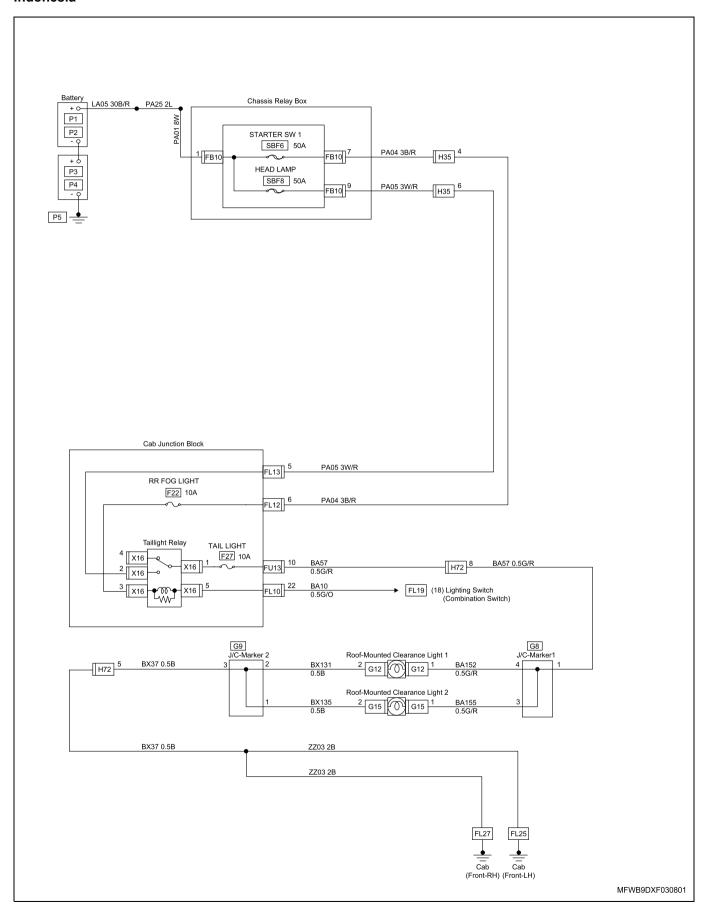




# **Roof-Mounted Clearance Light**

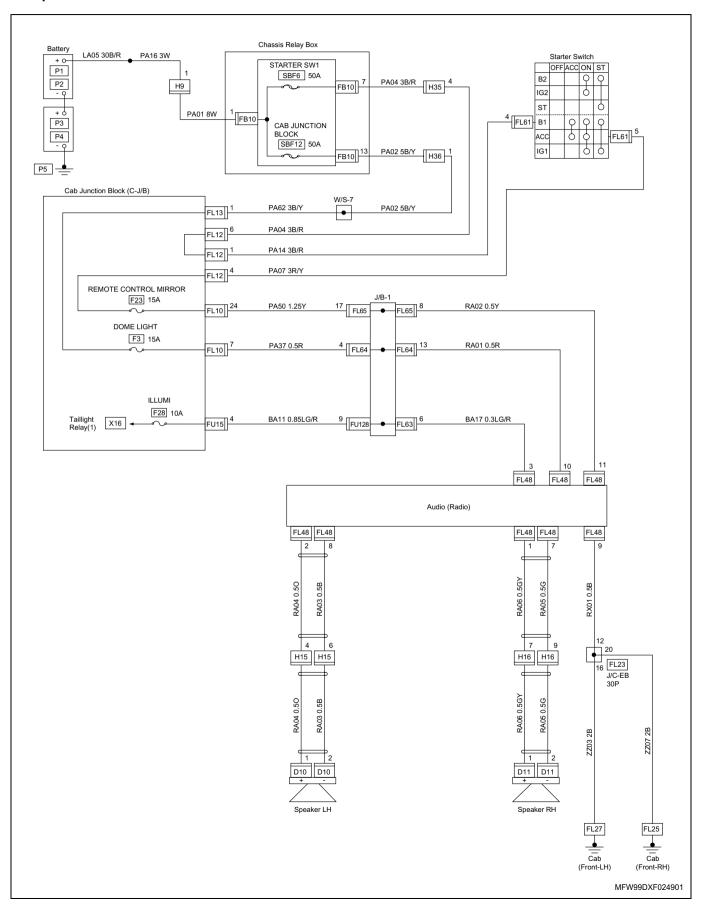
# **Circuit Diagram**

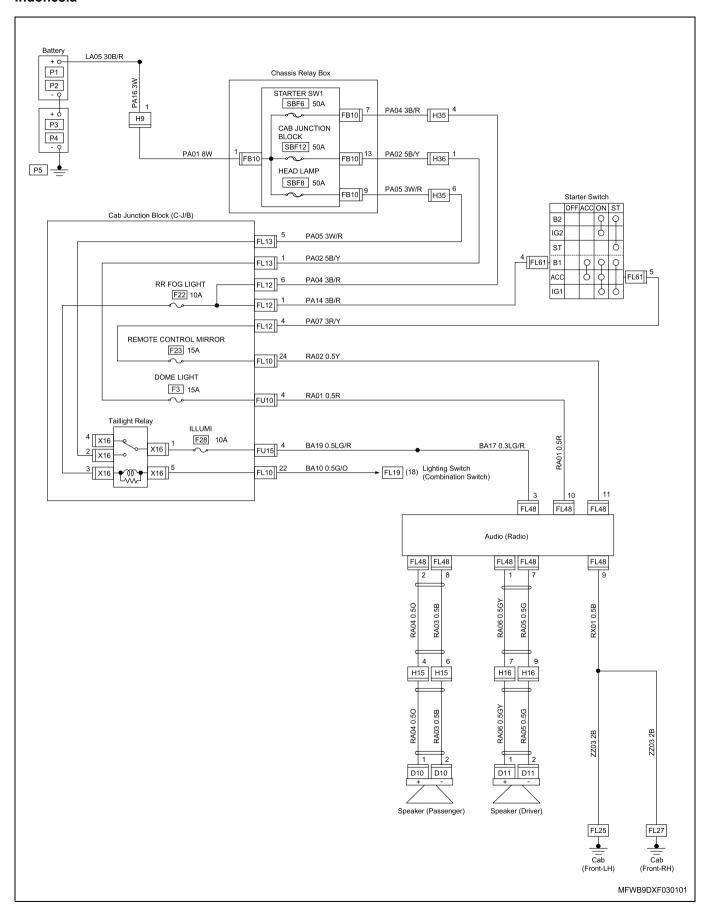




# **Audio**

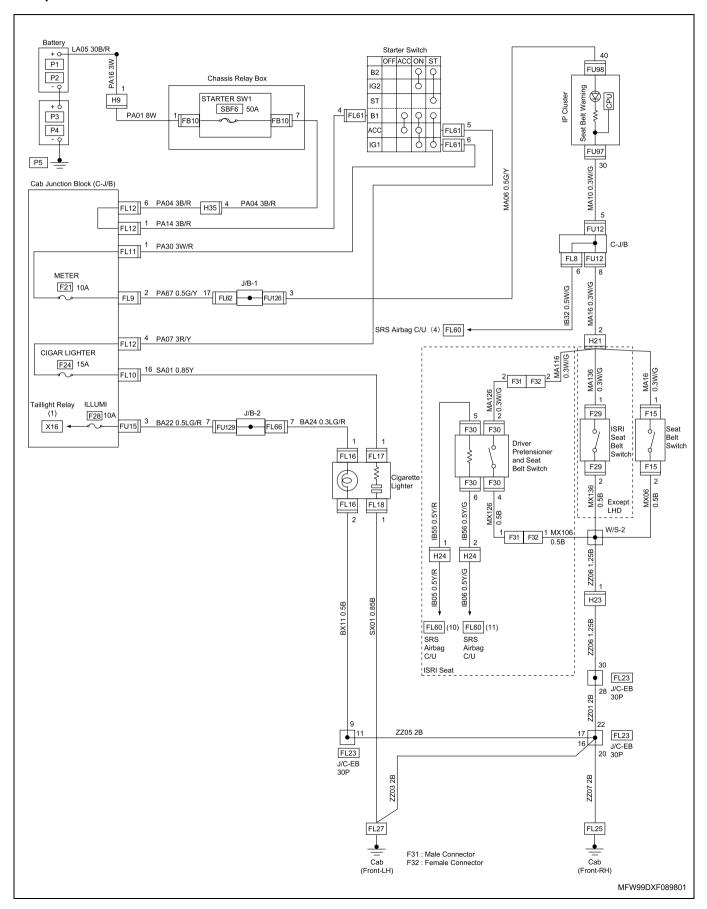
# **Circuit Diagram**

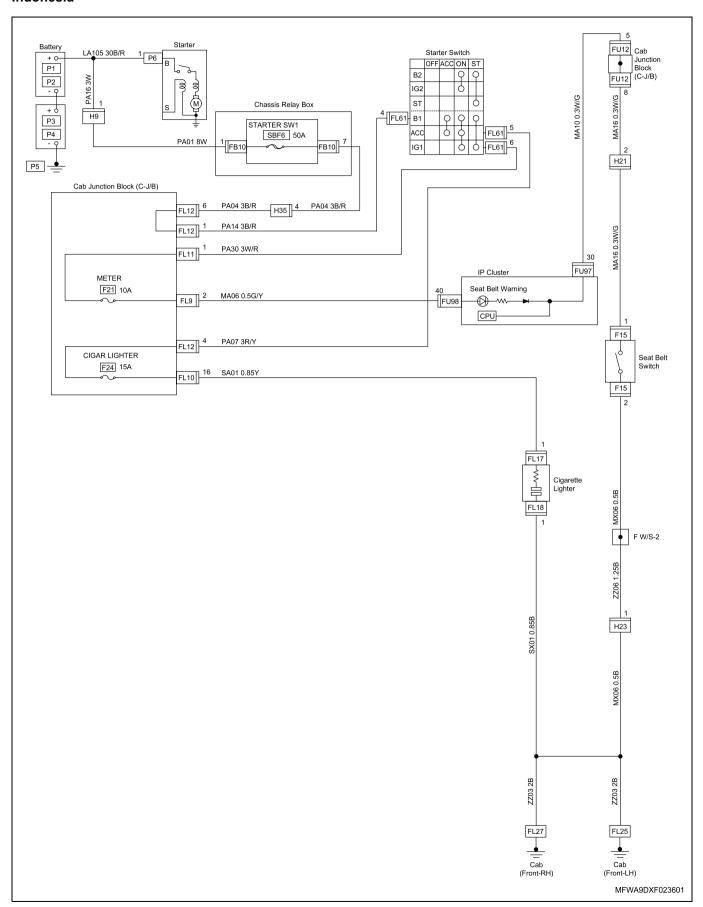




# **Cigarette Lighter/Seat Belt**

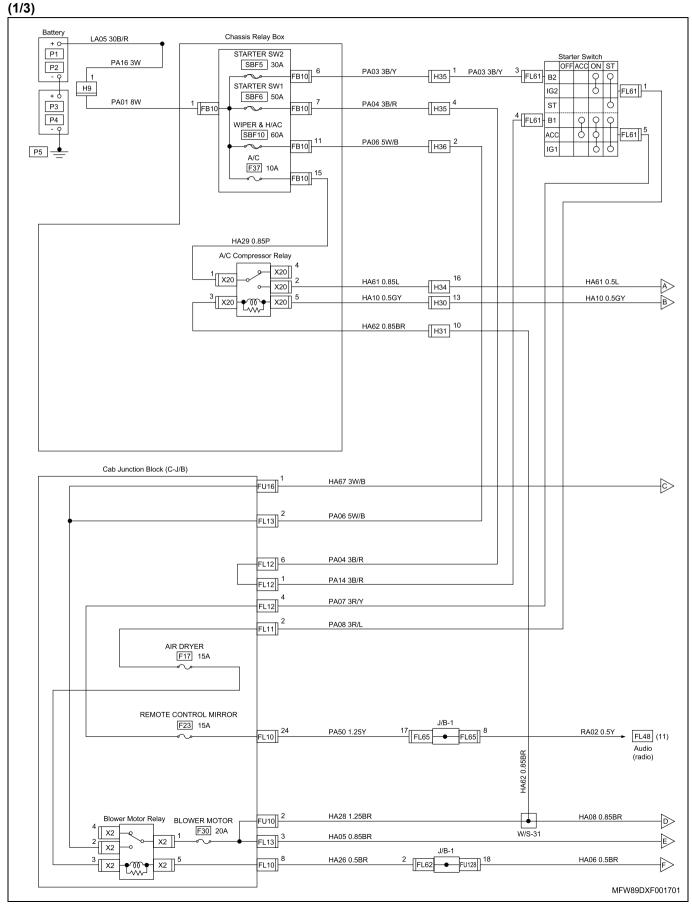
# **Circuit Diagram**

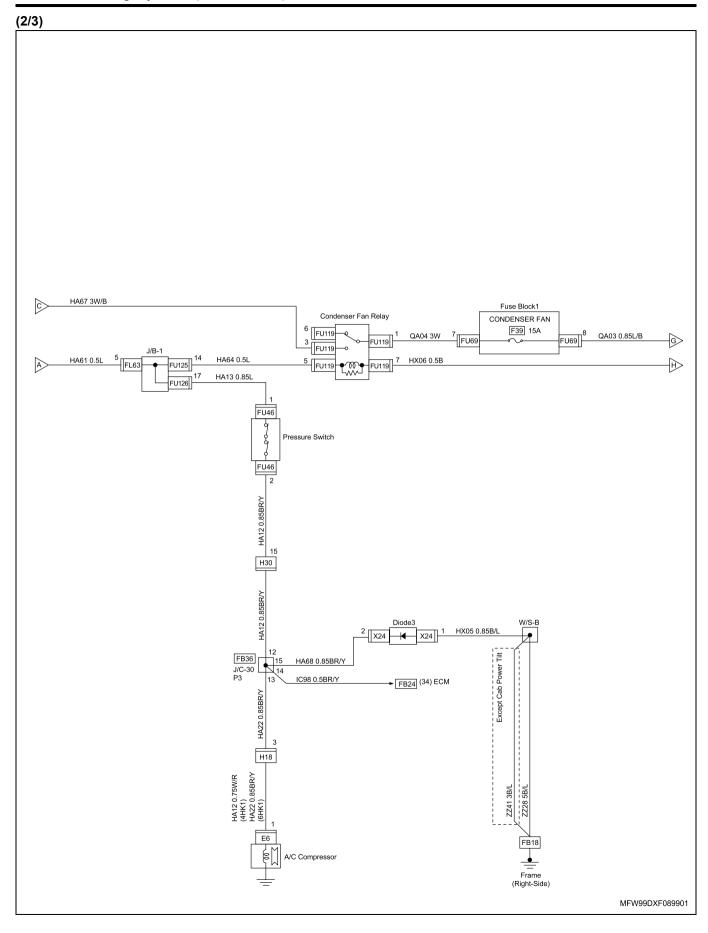


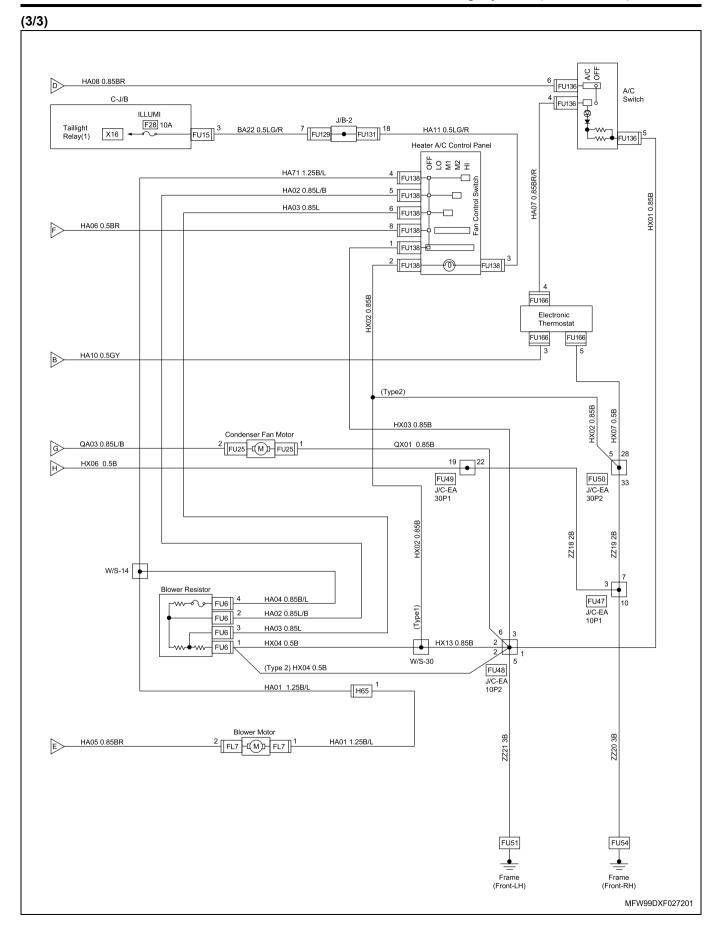


# **Heater and Air Conditioning (Manual)**

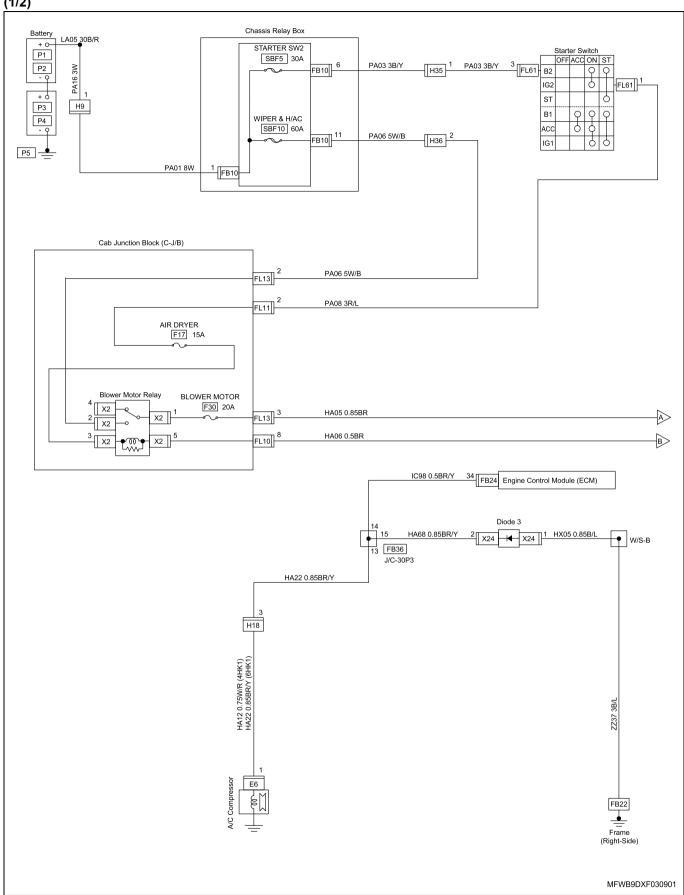
# Circuit Diagram Except Indonesia

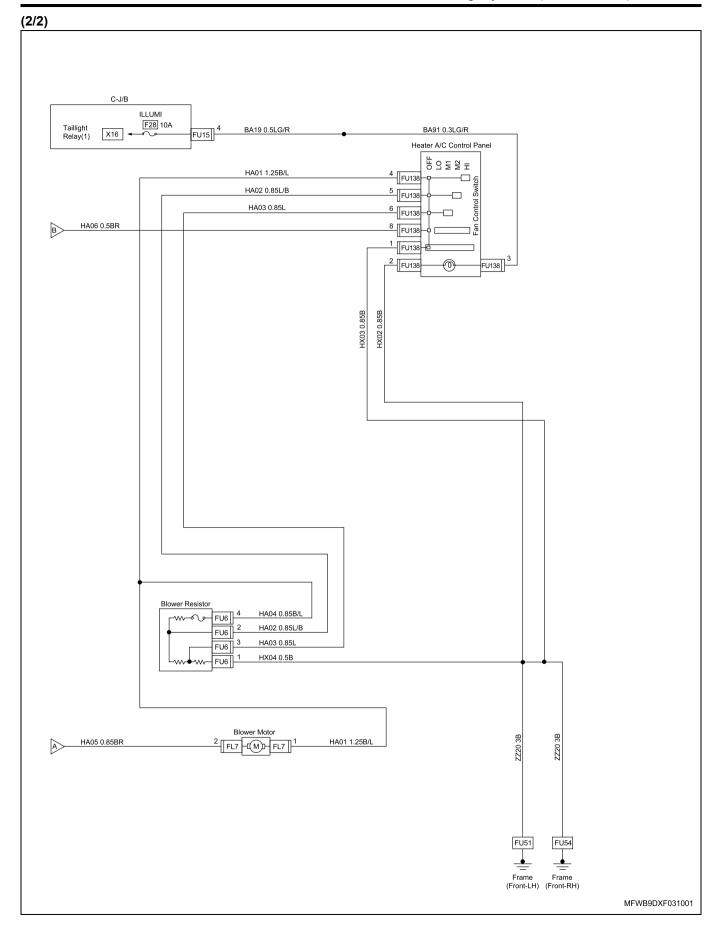






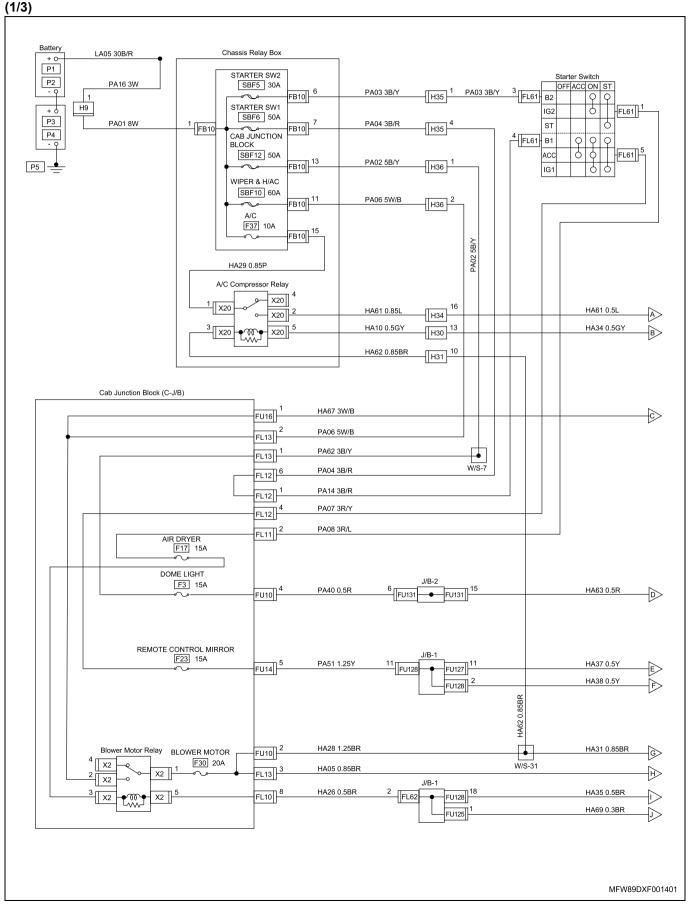
(1/2)

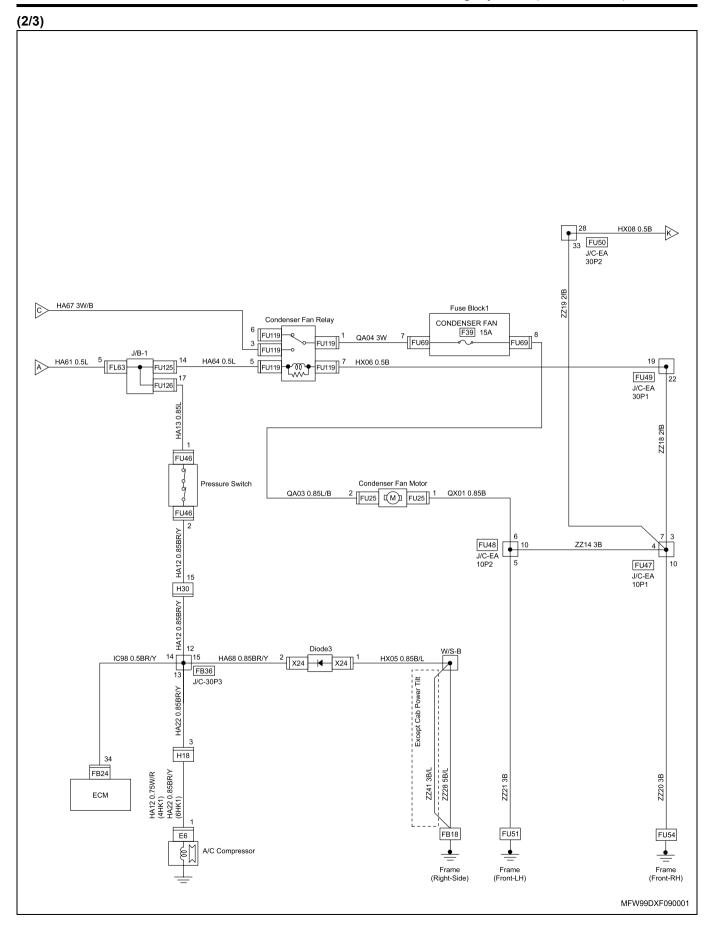


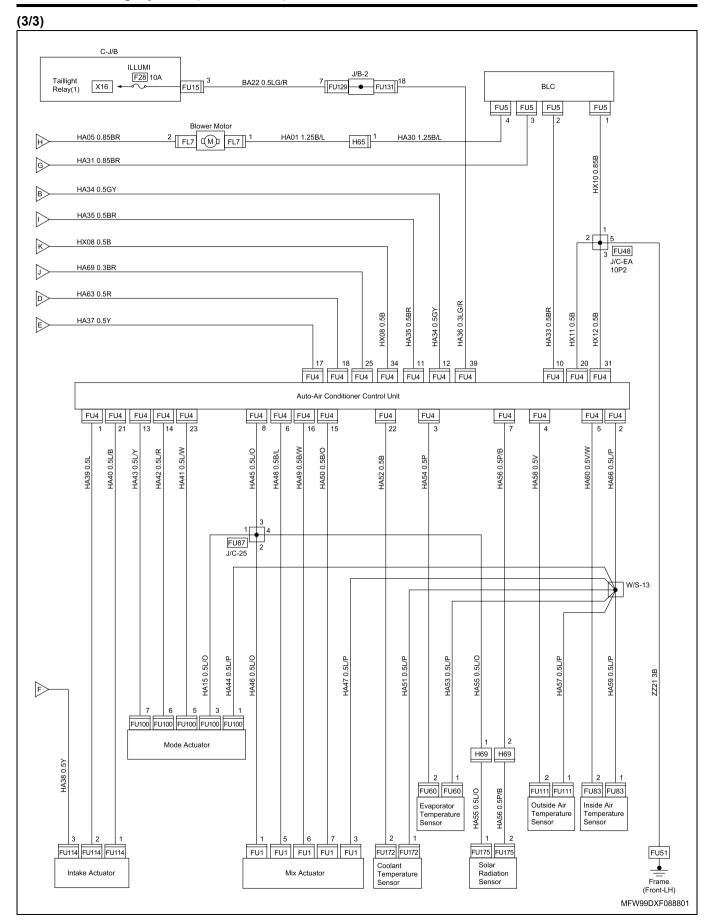


# **Heater and Air Conditioning (Auto)**

# Circuit Diagram Except Indonesia

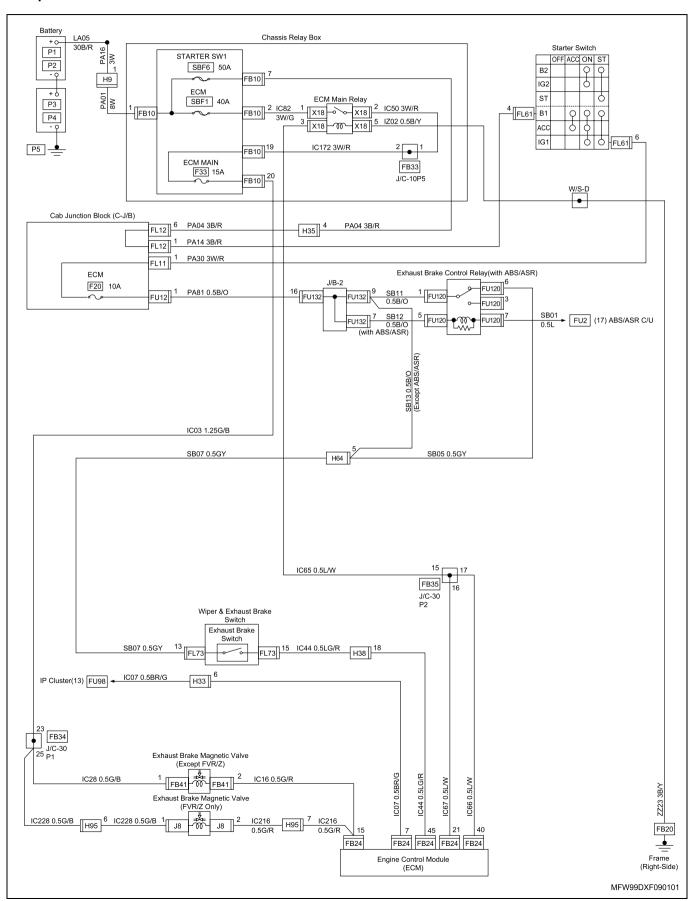


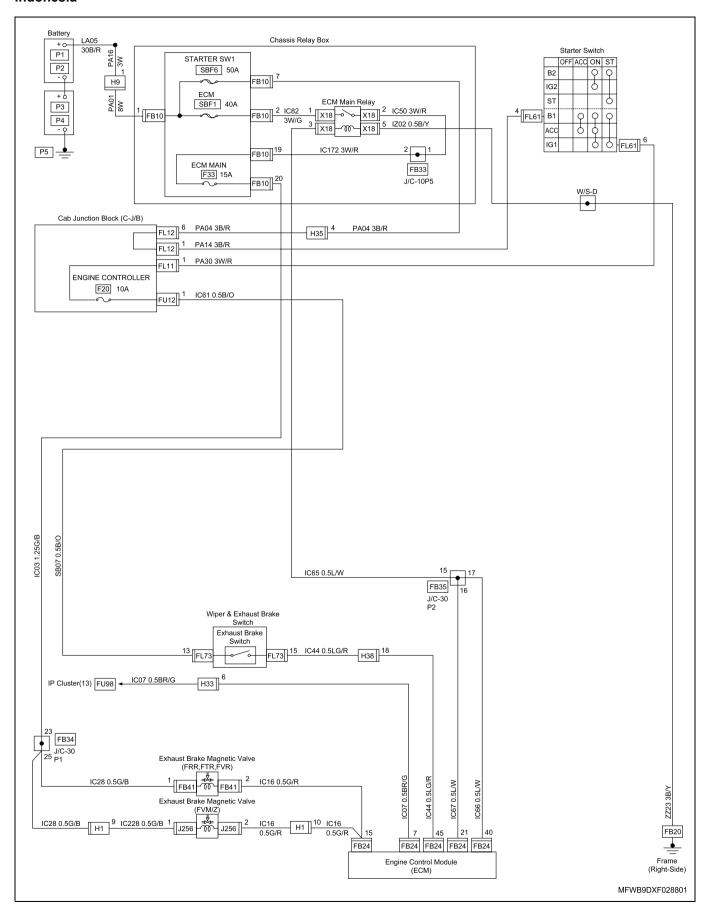




## **Exhaust Brake**

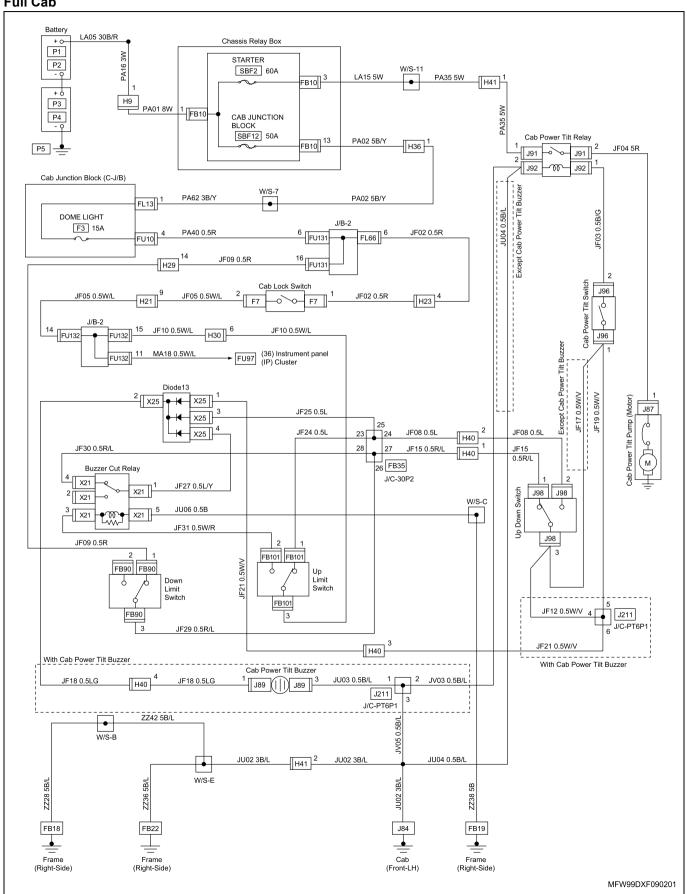
## **Circuit Diagram**



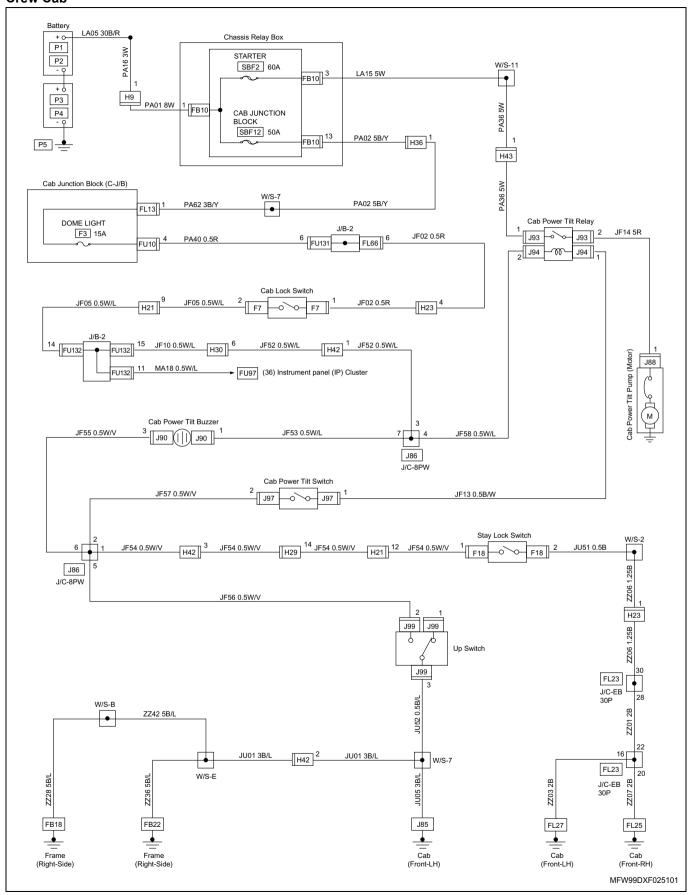


# **Cab Power Tilt**

## Circuit Diagram Except Indonesia Full Cab

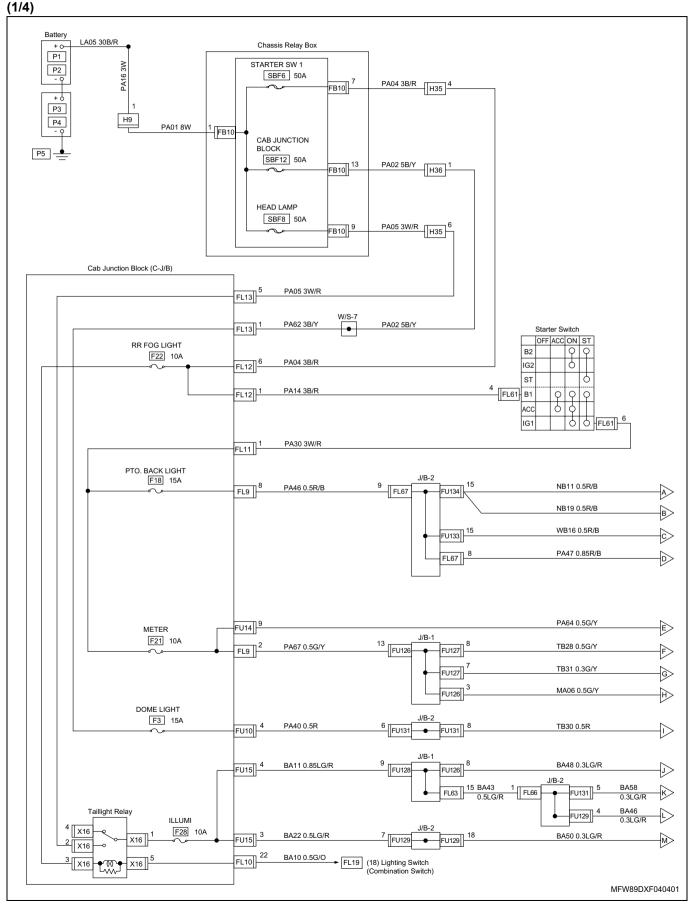


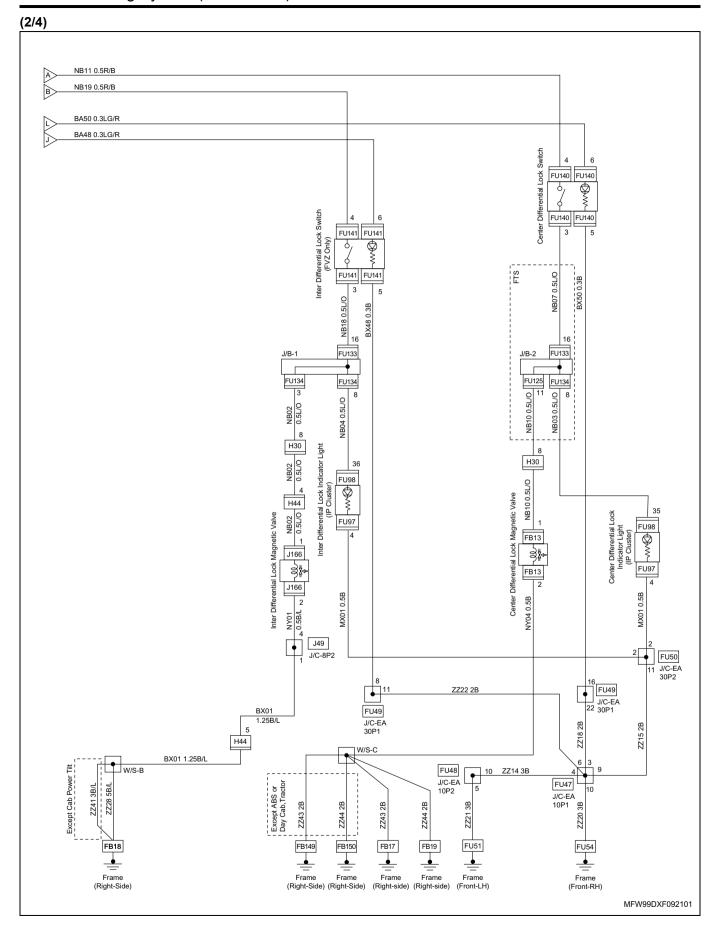
## **Crew Cab**

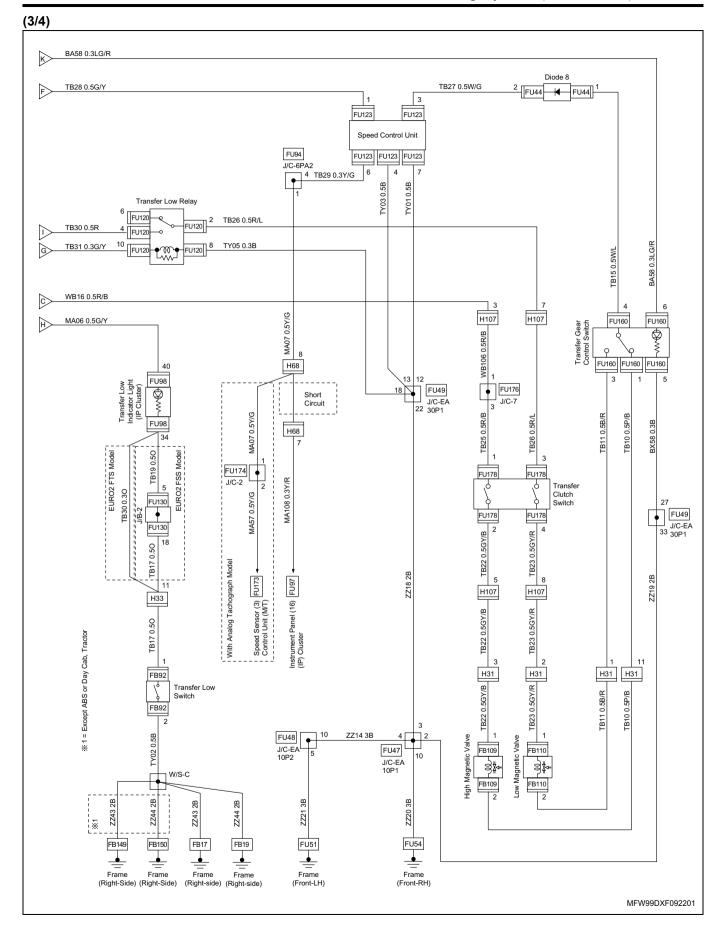


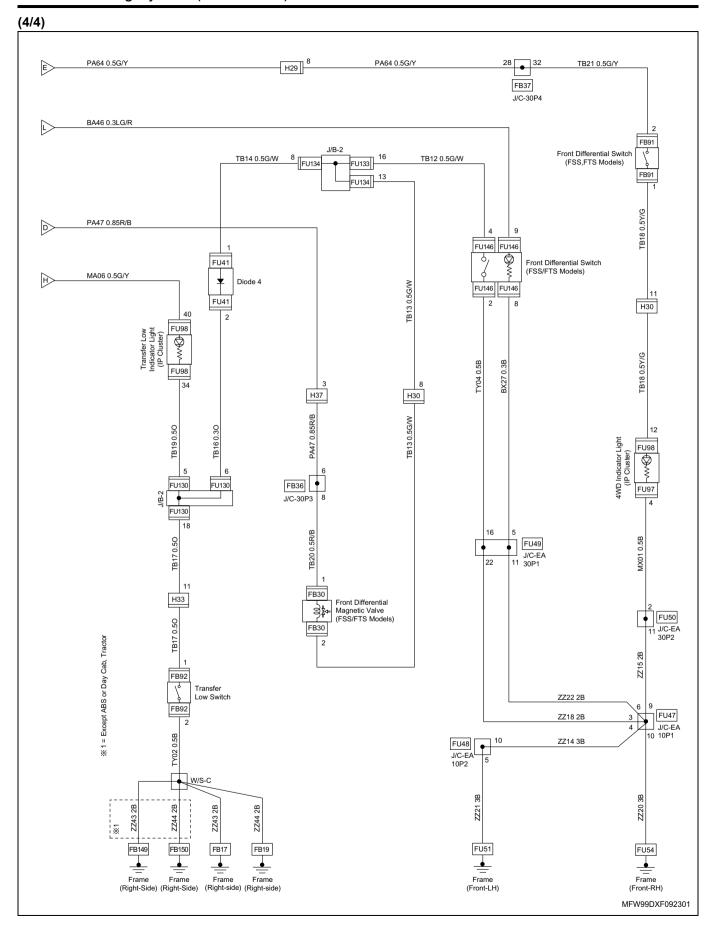
# **Differential Lock, Front Drive**

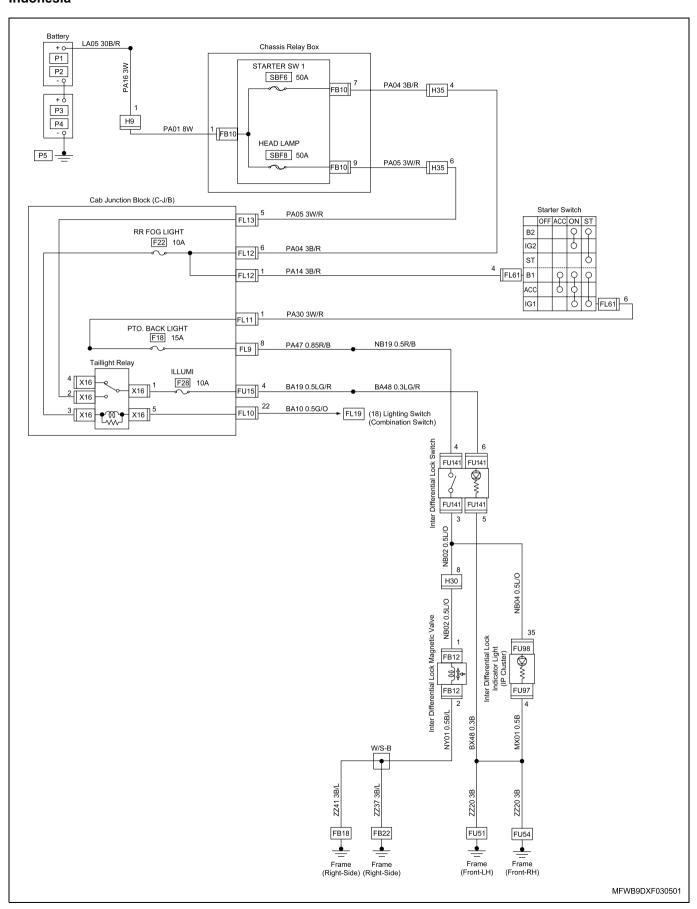
# Circuit Diagram Except Indonesia







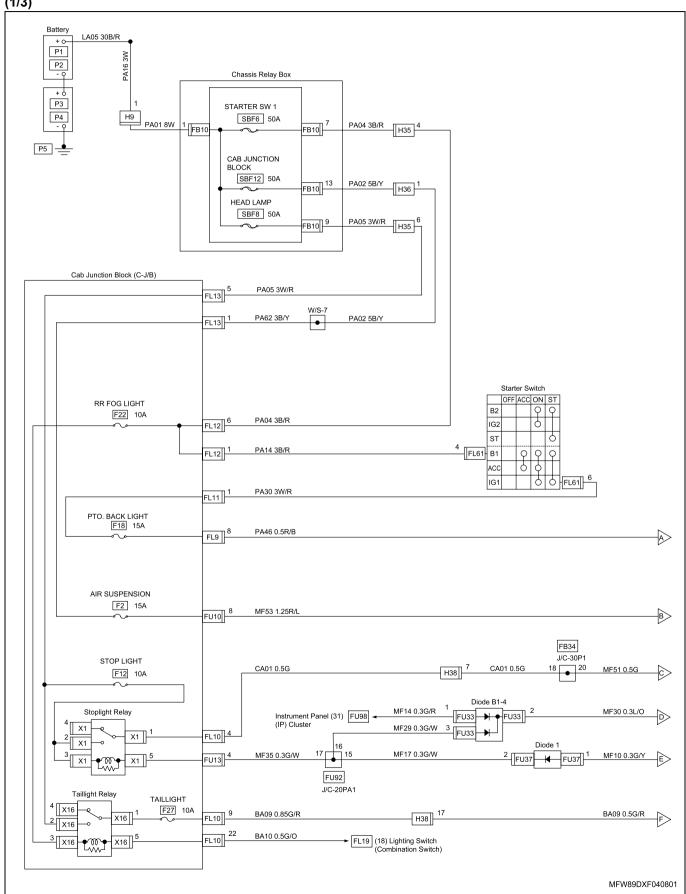


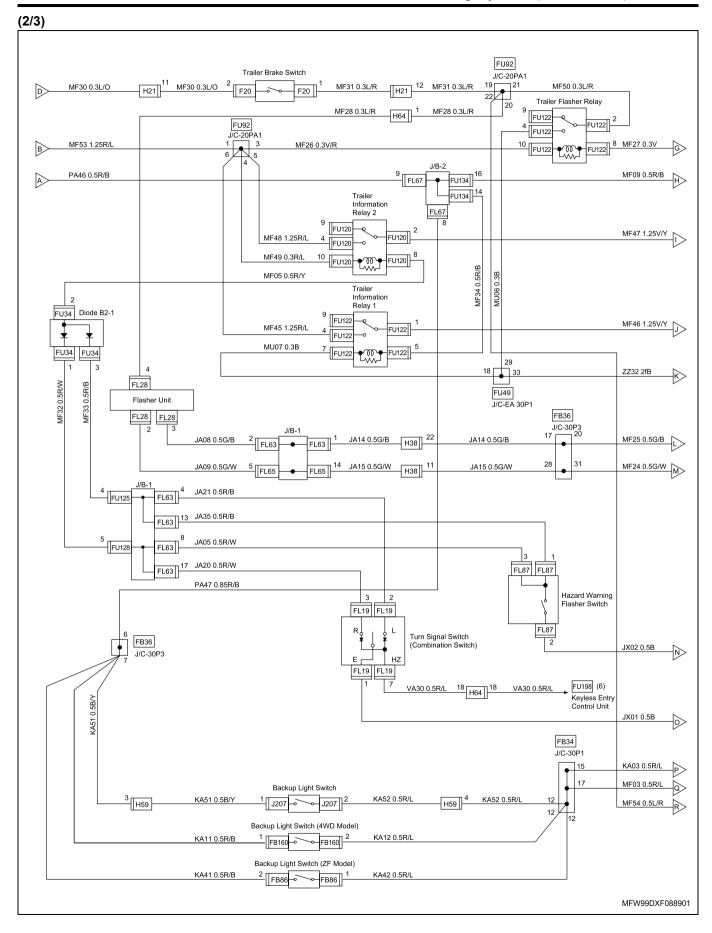


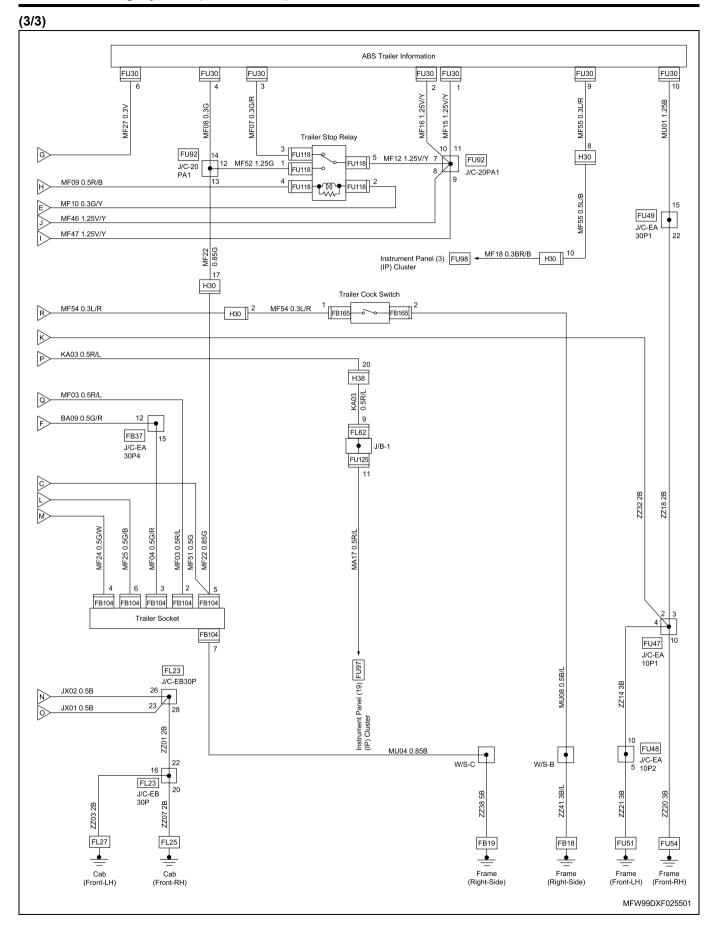
## **Tractor**

## **Circuit Diagram Except Indonesia**

(1/3)

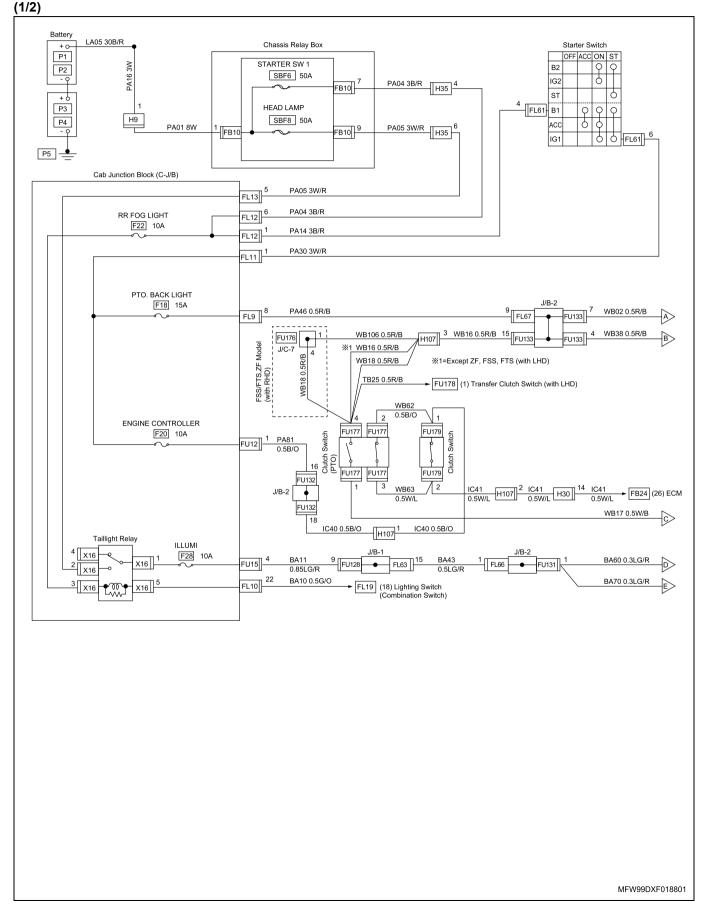


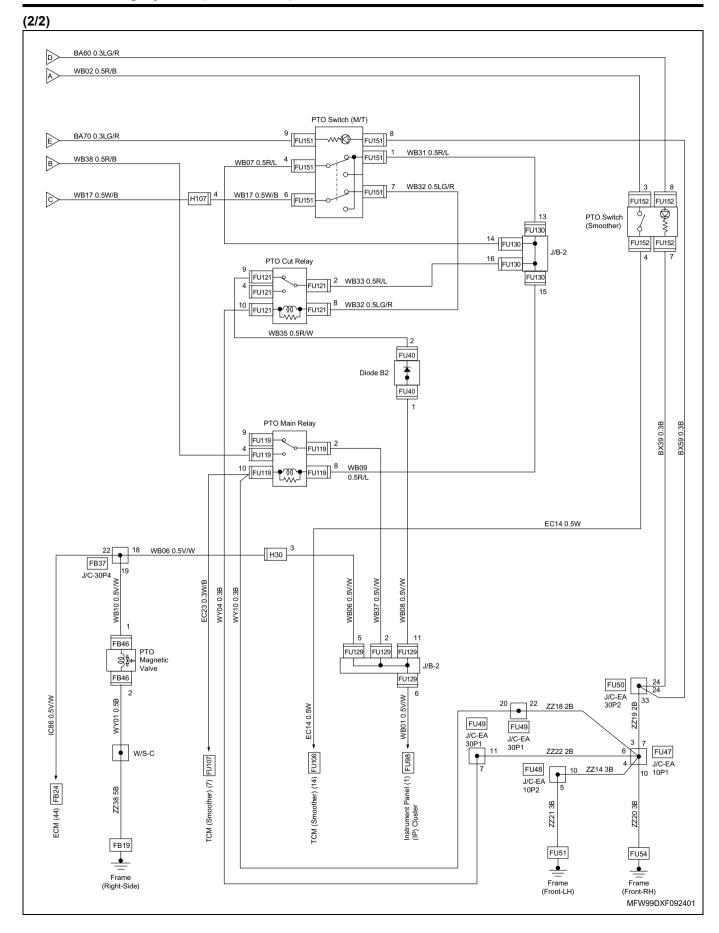




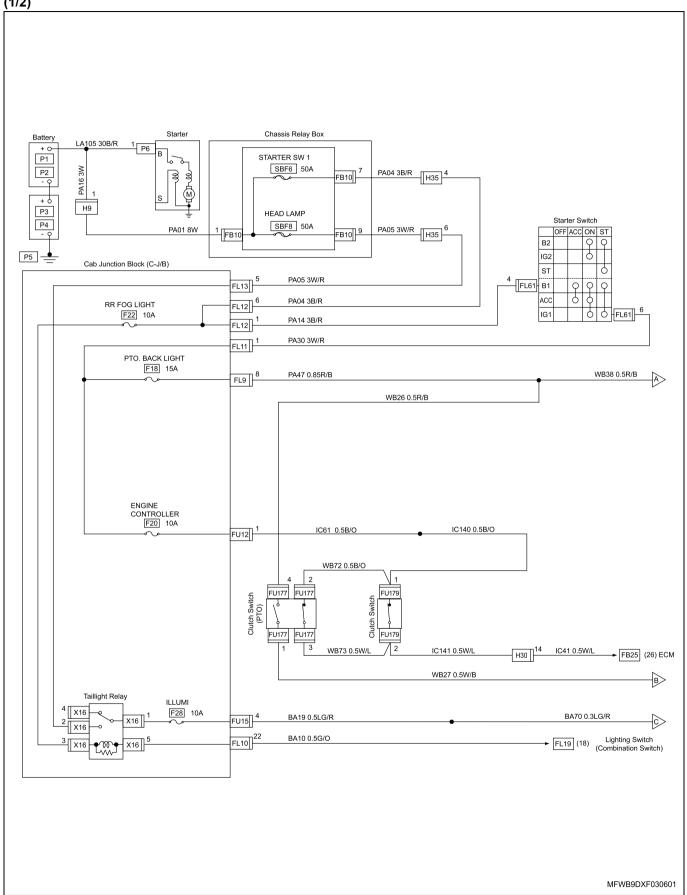
# Power Take-Off (PTO)

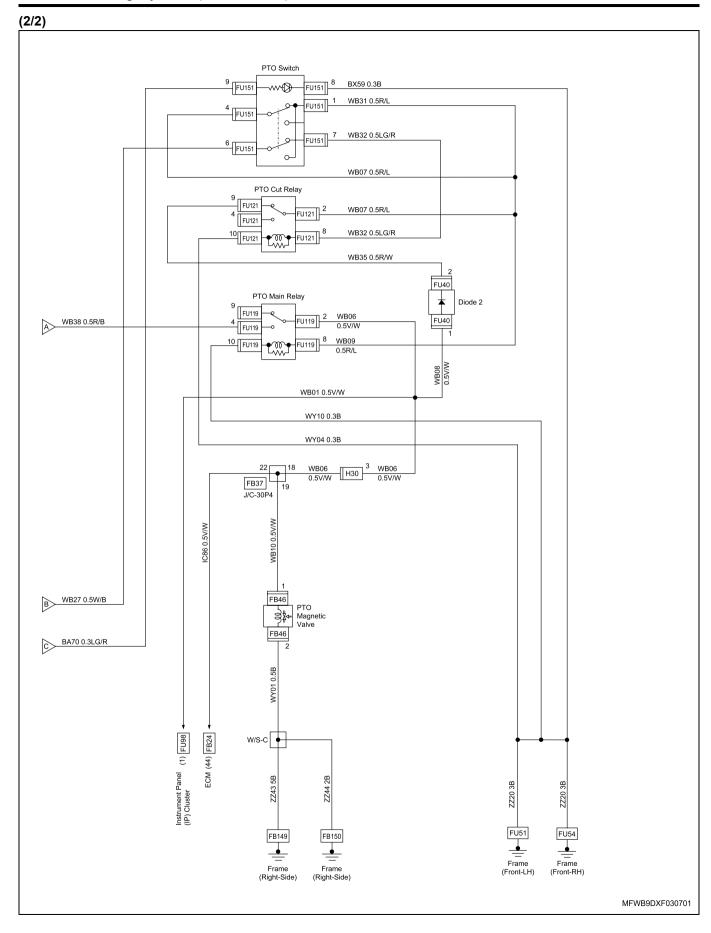
# Circuit Diagram Except Indonesia





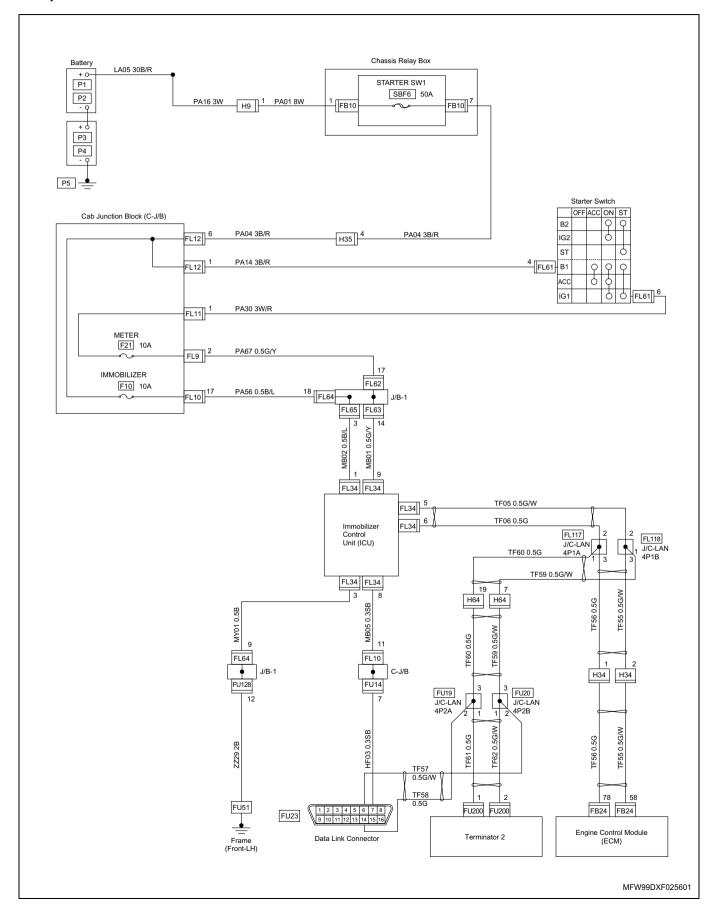
(1/2)





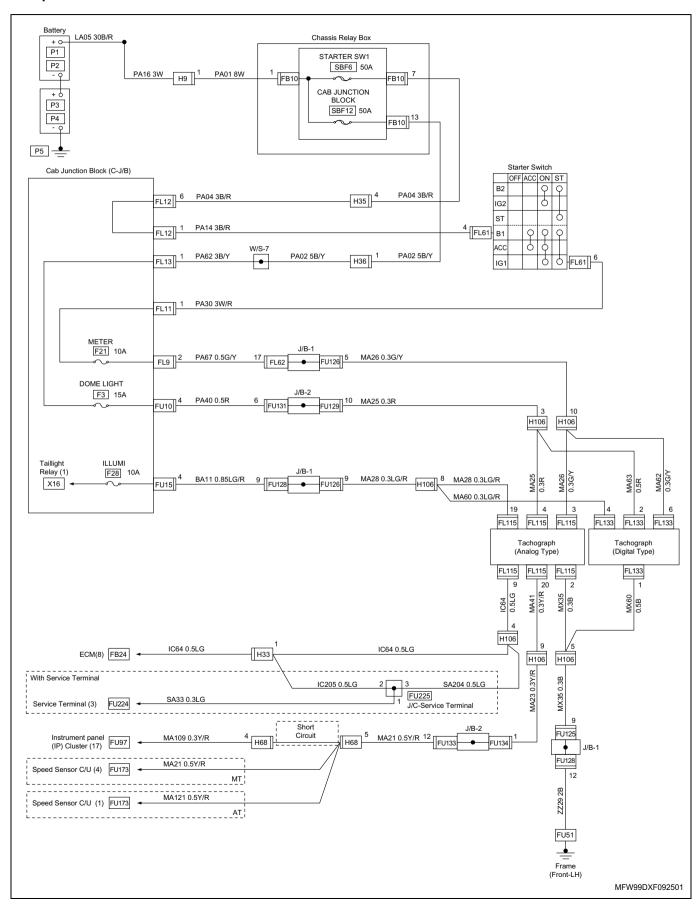
# **Immobilizer Control Unit (ICU)**

# **Circuit Diagram**



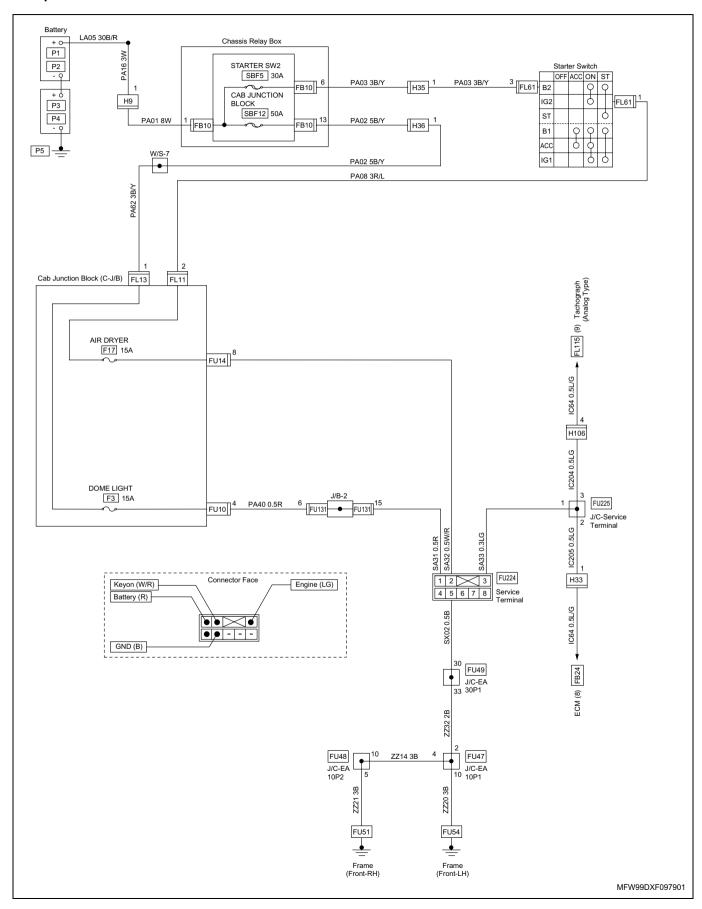
# **Tachograph**

# **Circuit Diagram**



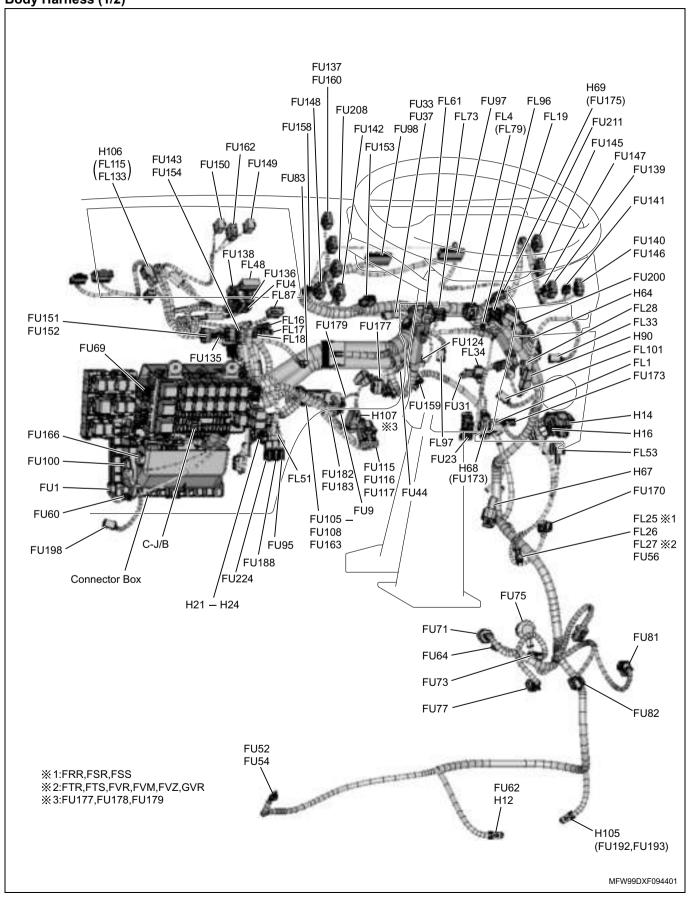
# **Service Terminal**

## **Circuit Diagram**



## **Parts Locations**

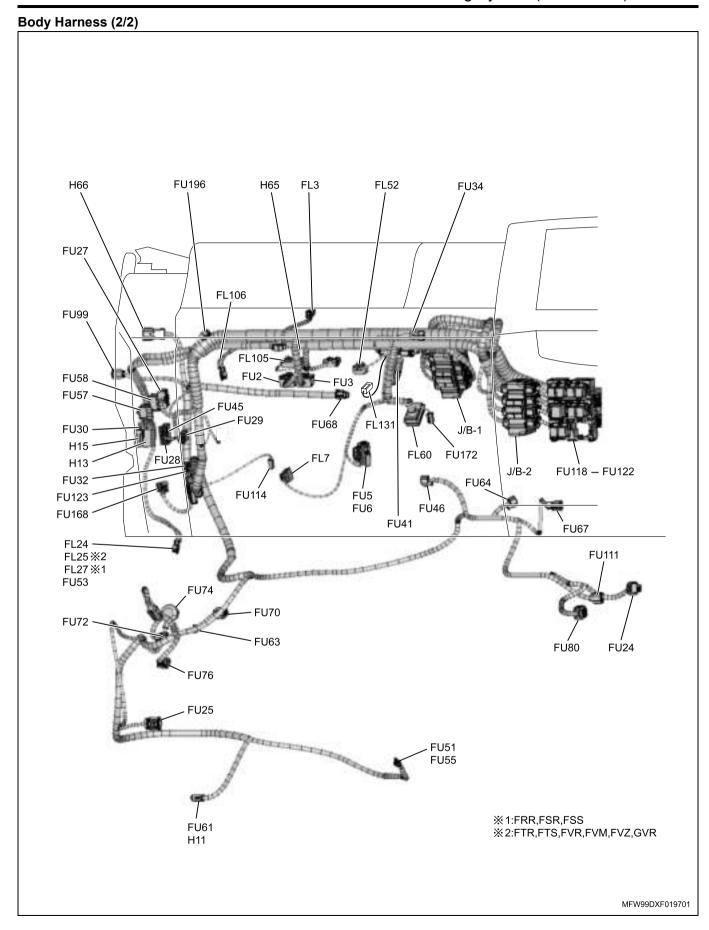
Parts Locations Except Indonesia Body Harness (1/2)



			<b>5</b> ,
Legend			
FL1	Accelerator Pedal Position Sensor	FU107	Transmission Control Module (TCM)
FL4	SRS Coil		(Smoother)
FL16	Cigarette Lighter	FU108	Transmission Control Module (TCM)
FL17	Cigarette Lighter		(Smoother)
FL18	Cigarette Lighter	FU115	Gear Shifter Relay
FL19	Combination Switch	FU116	Gear Shifter Relay
FL25	Cab (Front-RH) GND	FU117	Gear Shifter Relay
FL26	Cab (Front-RH) GND	FU124	Clutch Stroke Sensor
FL27	Cab (Front-RH) GND	FU135	HSA Adjustment Switch
FL28	Flasher Unit	FU136	A/C Switch
FL33	Idle Up Volume	FU137	ASR OFF Switch
FL34	Immobilizer Control Unit (ICU)	FU138	Heater A/C Control Panel
FL48	Audio	FU139	Headlight Washer Switch
FL51	RS232 ch1	FU140	Center Differential Lock Switch
FL53	Satellite Sensor	FU141	Inter Differential Lock Switch
FL61	Starter Switch	FU142	DPD Switch
FL73	Wiper & Exhaust Brake Switch	FU143	Smoother Emergency Switch
FL79	Driver Airbag	FU145	Front Fog Light Switch
FL87	Hazard Warning Flasher Switch	FU146	Front Differential Switch
FL96	Horn Switch	FU147	Headlight Leveling Switch
FL97	Key Remind Switch	FU148	Mirror Heater Switch
FL101	DRM	FU149	Rear Power Window Switch (LH)
FL115	Analog Tachograph	FU150	Rear Power Window Switch (RH)
FL133	Digital Tachograph	FU151	PTO Switch (MT)
FU1	Mix Actuator	FU152	PTO Switch (Smoother)
FU4	Auto-Air Conditioner Control Unit	FU153	Remote Control Mirror Switch
FU9	HSA Control Unit	FU154	HSA Reset Switch
FU23	Data Link Connector	FU158	Retractable Power Mirror Switch
FU31	DC-DC Converter	FU159	Stoplight Switch 1
FU33	Diode B1-4	FU160	Transfer Gear Control Switch
FU37	Diode 1	FU162	Rear Power Window Lock Switch
FU44	Diode 8	FU163	Transmission Control Module (TCM)
FU52	Frame (Front-RH) GND		(AT)
FU54	Frame (Front-RH) GND	FU166	Electronic Thermostat
FU56	Cab (Front-RH) GND	FU170	Front Turn Signal Light (RH)
FU60	Evaporator Temperature Sensor	FU173	Speed Sensor Control Unit
FU62	Front Fog Light (RH)	FU175	Solar Radiation Sensor
FU64	Clearance Light (RH)	FU177	Clutch Switch (PTO)
FU69	Fuse Block 1	FU178	Transfer Clutch Switch
FU71	Headlight Leveling Actuator (RH)	FU179	Clutch Switch
FU73	Headlight High (Halogen) (RH)	FU182	Diode EMR1
FU75	Headlight (RH)	FU183	Diode EMR2
FU77	Headlight High (Halogen) (RH)	FU188	Memory Clear Switch
FU81	Horn LH (Flat Type)	FU192	Horn LH (Spiral Type)
FU82	· • • • • • • • • • • • • • • • • • • •	FU193	Horn RH (Spiral Type)
FU83	Horn RH (Flat Type)	FU198	Body Control Module (BCM)
	Inside Air Temperature Sensor	FU200	Terminator 2
FU95 FU97	Memory Clear Connector	FU208	Cruise Main Switch
	Instrument Panel (IP) Cluster	FU211	Dome Light Switch
FU98	Instrument Panel (IP) Cluster	FU224	Service Terminal
FU100	Mode Actuator  Transmission Control Modulo (TCM)	H12	Joint between Harnesses Connector
FU105	Transmission Control Module (TCM)	H14	Joint between Harnesses Connector
FU106	(Smoother) Transmission Control Module (TCM)	H16	Joint between Harnesses Connector
1 0 100	(Smoother)	H21	Joint between Harnesses Connector
	(Gillound)	H22	Joint between Harnesses Connector
		1 124	James Dotter of Flam 100000 Commodul

# 9D-242 Wiring System (RHD model)

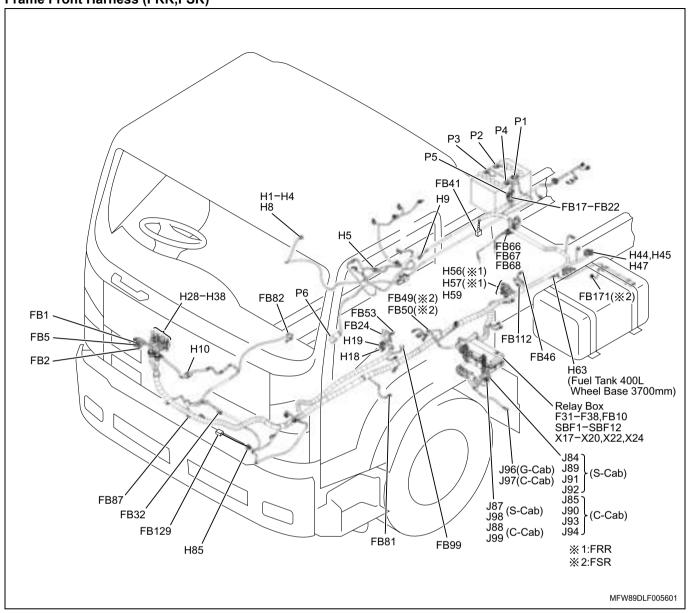
H64 Joint between Harnesses Connector H105 Joint	t between Harnesses Connector
H67 Joint between Harnesses Connector H106 Join	t between Harnesses Connector
	t between Harnesses Connector
H68 Joint between Harnesses Connector H107 Join	t between Harness Connector



# 9D-244 Wiring System (RHD model)

Legend			
FL3	Passenger Airbag	FU70	Headlight Leveling Actuator (LH)
FL7	Blower Motor	FU72	Headlight High (Halogen) (LH)
FL24	Cab (Front-LH) GND	FU74	Headlight (LH)
FL25	Cab (Front-LH) GND	FU76	Headlight Low (HID) (LH)
FL27	Cab (Front-LH) GND	FU80	Headlight Washer Control Unit
FL52	Barometric Pressure Sensor	FU99	Mirror (LH)
FL60	SRS Airbag Control Unit	FU111	Outside Air Temperature Sensor
FL105	Body Control Module (BCM)	FU114	Intake Actuator
FL106	Intermittent Relay	FU118	Trailer Stop Relay / Rear Power Window
FL131	Resistor		Relay
FU2	ABS/ASR Control Unit	FU119	PTO Main Relay / Exhaust Brake Cut
FU3	ABS/ASR Control Unit	(1)	Relay
FU5	BLC	FU119	Condenser Fan Relay
FU6	Blower Resistor	(2)	·
FU24	Headlight Washer Motor	FU120	Transfer Low Relay / Trailer Information
FU25	Condenser Fan Motor	(1)	2 Relay
FU27	Air Suspension Control Unit	FU120	Exhaust Brake Control Relay
FU28	Air Suspension Control Unit	(2) FU121	Exhaust Broke Cut Bolov / Neutral Bolov
FU29	Retractable Power Mirror Control Unit	(1)	Exhaust Brake Cut Relay / Neutral Relay
FU30	ABS Trailer Information	FU121	
FU32	Diode B1-2	(2)	<del>-</del>
FU34	Diode B2-1	FU122	Trailer Flasher Relay / Trailer
FU41	Diode 4	(1)	Information 1 Relay
FU45	Distributor	FU122	
FU46	Pressure Switch	(2)	_
FU51	Frame (Front-LH) GND	ÈÚ123	Speed Control Unit
FU53	Frame (Front-RH) GND	FU168	Front Turn Signal Light (LH)
FU55	Frame (Front-LH) GND	FU172	Coolant Temperature Sensor
FU57	Range Inter Lock Control Unit	FU196	Door Lock Controller
FU58	Gate Inter Lock Control Unit	H11	Joint between Harnesses Connector
FU61	Front Fog Light (LH)	H13	Joint between Harnesses Connector
FU63	Clearance Light (LH)	H15	Joint between Harnesses Connector
FU64	Clearance Light (RH)	H65	Joint between Harnesses Connector
FU67	Washer Motor	H66	Joint between Harnesses Connector
FU68	Wiper Motor		



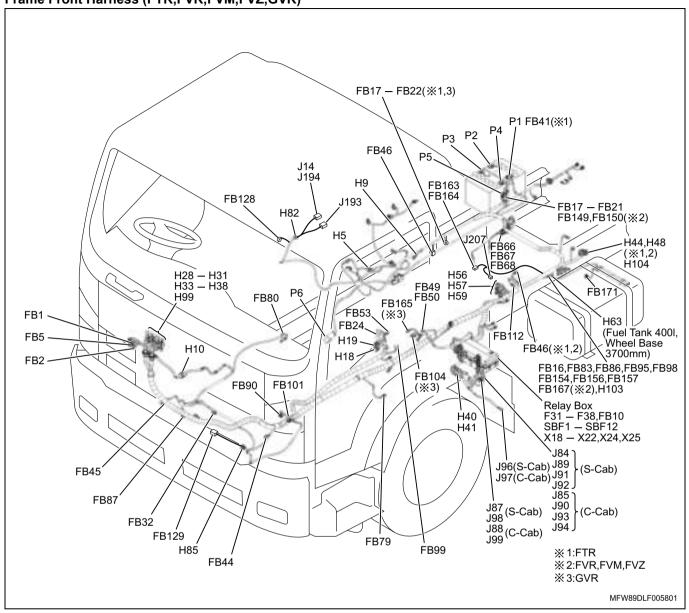


Legend			
F31	POWER SOURCE Fuse	FB24	Engine Control Module (ECM)
F32	TCM Fuse	FB32	HSA Valve (6HK1Crew Cab)
F33	ECM MAIN Fuse	FB41	Exhaust Brake Magnetic Valve
F34	<del>_</del>	FB46	PTO Magnetic Valve
F35	<del>-</del>	FB49	Starter Relay (6HK1)
F36	<del>-</del>	FB50	Starter Relay (6HK1)
F37	AIR CONDITIONER Fuse	FB53	Dropping Resistor
F38	<del>-</del>	FB66	Exhaust Differential Pressure Sensor
FB1	Air Pressure Sensor 1	FB67	Exhaust Temperature Sensor 1
FB2	Air Pressure Sensor 2	FB68	Exhaust Temperature Sensor 2
FB5	Stoplight Switch 2	FB81	Wheel Speed Sensor (Front Left)
FB10	Chassis Relay Box	FB82	Wheel Speed Sensor (Front Right)
FB17	Frame (Right-Side) GND	FB87	Clutch Oil Pressure Switch
FB18	Frame (Right-Side) GND	FB99	Water Separator Switch
FB19	Frame (Right-Side) GND	FB112	Exhaust Throttle Magnetic Valve
FB20	Frame (Right-Side) GND	FB129	All Speed Accel Sensor
FB21	Frame (Right-Side) GND	FB171	Fuel Tank Unit (Left-Side)
FB22	Frame (Right-Side) GND	H1	Joint between Harnesses Connector

# 9D-246 Wiring System (RHD model)

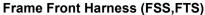
H2	Joint between Harnesses Connector	J90	Cab Power Tilt Buzzer (Crew Cab)
H3	Joint between Harnesses Connector	J91	Cab Power Tilt Relay (Day Cab)
H4	Joint between Harnesses Connector	J92	Cab Power Tilt Relay (Day Cab)
H5	Joint between Harnesses Connector	J93	Cab Power Tilt Relay (Crew Cab)
H8	Joint between Harnesses Connector	J94	Cab Power Tilt Relay (Crew Cab)
H9	Joint between Harnesses Connector	J96	Cab Power Tilt Switch (Day Cab)
H10	Joint between Harnesses Connector	J97	Cab Power Tilt Switch (Crew Cab)
H18	Joint between Harnesses Connector	J98	Up Down Switch (Day Cab)
H19	Joint between Harnesses Connector	J99	Up Down Switch (Crew Cab)
H28	Joint between Harnesses Connector	P1	Battery(+)
H29	Joint between Harnesses Connector	P2	Battery (-)
H30	Joint between Harnesses Connector	P3	Battery (+)
H31	Joint between Harnesses Connector	P4	Battery (-)
H32	Joint between Harnesses Connector	P5	Battery (Frame) GND
H33	Joint between Harnesses Connector	P6	Starter
H34	Joint between Harnesses Connector	SBF1	ECM Fuse
H35	Joint between Harnesses Connector	SBF2	STARTER Fuse
H36	Joint between Harnesses Connector	SBF3	_
H37	Joint between Harnesses Connector	SBF4	GLOW Fuse
H38	Joint between Harnesses Connector	SBF5	STARTER SW2 Fuse
H44	Joint between Harnesses Connector	SBF6	STARTER SW1 Fuse
H45	Joint between Harnesses Connector	SBF7	Smoother Fuse
H47	Joint between Harnesses Connector	SBF8	HEAD LAMP Fuse
H56	Joint between Harnesses Connector	SBF9	_
H57	Joint between Harnesses Connector	SBF10	WIPER & H/AC Fuse
H59	Joint between Harnesses Connector	SBF11	ABS Fuse (4HK1)
H63	Joint between Harnesses Connector	SBF12	CAB JUNCTION BLOCK Fuse
H85	Joint between Harnesses Connector	X17	Starter Relay
J84	Cab (Front-LH) GND (Day Cab)	X18	ECM Main Relay
J85	Cab (Front-LH) GND (Crew Cab)	X19	Glow Relay
J87	Cab Power Tilt Pump (Day Cab)	X20	A/C Compressor Relay
J88	Cab Power Tilt Pump (Crew Cab)	X22	Starter Cut Relay
J89	Cab Power Tilt Buzzer (Day Cab)	X24	Diode 3

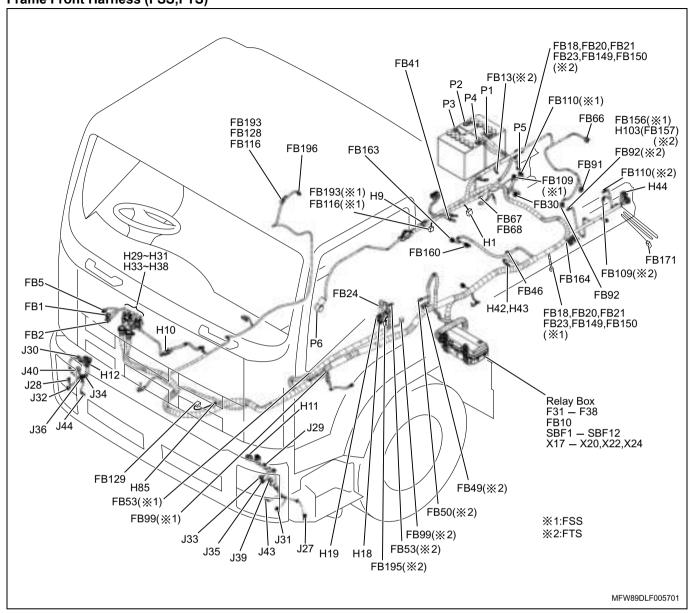
#### Frame Front Harness (FTR,FVR,FVM,FVZ,GVR)



Legend			
F31	POWER SOURCE Fuse	FB22	Frame (Right-Side) GND
F32	TCM Fuse	FB24	Engine Control Module (ECM)
F33	ECM MAIN Fuse	FB32	HSA Valve
F34	<del>-</del>	FB41	Exhaust Brake Magnetic Valve
F35	<del>-</del>	FB44	Modulator (Front-Left)
F36	<del>-</del>	FB45	Modulator (Front-Right)
F37	AIR CONDITIONER Fuse	FB46	PTO Magnetic Valve
F38	<del>-</del>	FB49	Starter Relay (6HK1)
FB1	Air Pressure Sensor 1	FB50	Starter Relay (6HK1)
FB2	Air Pressure Sensor 2	FB53	Dropping Resistor
FB5	Stoplight Switch 2	FB66	Exhaust Differential Pressure Sensor
FB10	Chassis Relay Box	FB67	Exhaust Temperature Sensor 1
FB16	Valve Box	FB68	Exhaust Temperature Sensor 2
FB17	Frame (Right-Side) GND	FB79	Wheel Speed Sensor (Front-Left)
FB18	Frame (Right-Side) GND	FB80	Wheel Speed Sensor (Front-Right)
FB19	Frame (Right-Side) GND	FB83	Impulse Sensor
FB20	Frame (Right-Side) GND	FB86	Backup Light Switch
FB21	Frame (Right-Side) GND	FB87	Clutch Oil Pressure Switch

FB90	Down Limit Switch	H103	Joint between Harnesses Connector
FB95	Neutral Switch (ZF)	H104	Joint between Harnesses Connector
FB98	Low Renge Switch (ZF)	J14	MAF & IAT Sensor
FB99	Water Separator Switch	J84	Cab (Front-LH) GND (Day Cab)
FB101	Up Limit Switch	J85	Cab (Front-LH) GND (Crew Cab)
FB104	Trailer Socket	J87	Cab Power Tilt Pump (Day Cab)
FB112	Exhaust Throttle Magnetic Valve	J88	Cab Power Tilt Pump (Crew Cab)
FB128	MAF & IAT Sensor (Crew Cab)	J89	Cab Power Tilt Buzzer (Day Cab)
FB129	All Speed Accel Sensor	J90	Cab Power Tilt Buzzer (Crew Cab)
FB149	Frame (Right-Side) GND	J91	Cab Power Tilt Relay (Day Cab)
FB150	Frame (Right-Side) GND	J92	Cab Power Tilt Relay (Day Cab)
FB154	Power Assist Magnetic Valve (ZF)	J93	Cab Power Tilt Relay (Crew Cab)
FB156	Vehicle Speed Sensor (A/T)	J94	Cab Power Tilt Relay (Crew Cab)
FB157	Vehicle Speed Sensor (FULLER)	J96	Cab Power Tilt Switch (Day Cab)
FB163	Neutral Switch (M/T)	J97	Cab Power Tilt Switch (Crew Cab)
FB164	Neutral Switch (FULLER)	J98	Up Down Switch (Day Cab)
FB165	Trailer Cock Switch (GVR)	J99	Up Down Switch (Crew Cab)
FB167	A/T	J193	Air Flow Sensor
FB171	Fuel Tank Unit (LH)	J194	IAT Sensor (Euro2)
H5	Joint between Harnesses Connector	J207	Backup Light Switch (M/T)
H9	Joint between Harnesses Connector	P1	Battery(+)
H10	Joint between Harnesses Connector	P2	Battery (-)
H18	Joint between Harnesses Connector	P3	Battery(+)
H19	Joint between Harnesses Connector	P4	Battery (-)
H28	Joint between Harnesses Connector	P5	Battery (Frame) GND
H29	Joint between Harnesses Connector	P6	Starter
H30	Joint between Harnesses Connector	SBF1	ECM Fuse
H31	Joint between Harnesses Connector	SBF2	STARTER Fuse
H33	Joint between Harnesses Connector	SBF3	<u> </u>
H34	Joint between Harnesses Connector	SBF4	GLOW Fuse
H35	Joint between Harnesses Connector	SBF5	STARTER SW2 Fuse
H36	Joint between Harnesses Connector	SBF6	STARTER SW1 Fuse
H37	Joint between Harnesses Connector	SBF7	Smoother Fuse
H38	Joint between Harnesses Connector	SBF8	HEAD LAMP Fuse
H40	Joint between Harnesses Connector	SBF9	_
H41	Joint between Harnesses Connector	SBF10	WIPER & H/AC Fuse
H44	Joint between Harnesses Connector	SBF11	ABS Fuse (4HK1)
H48	Joint between Harnesses Connector	SBF12	CAB JUNCTION BLOCK Fuse
H56	Joint between Harnesses Connector	X18	ECM Main Relay
H57	Joint between Harnesses Connector	X19	Glow Relay
H59	Joint between Harnesses Connector	X20	A/C Compressor Relay
H63	Joint between Harnesses Connector	X21	Buzzer Cut Relay
H82	Joint between Harnesses Connector	X22	Starter Cut Relay
H85	Joint between Harnesses Connector	X24	Diode 3
H99	Joint between Harnesses Connector	X25	Diode 13
		<del>-</del> -	



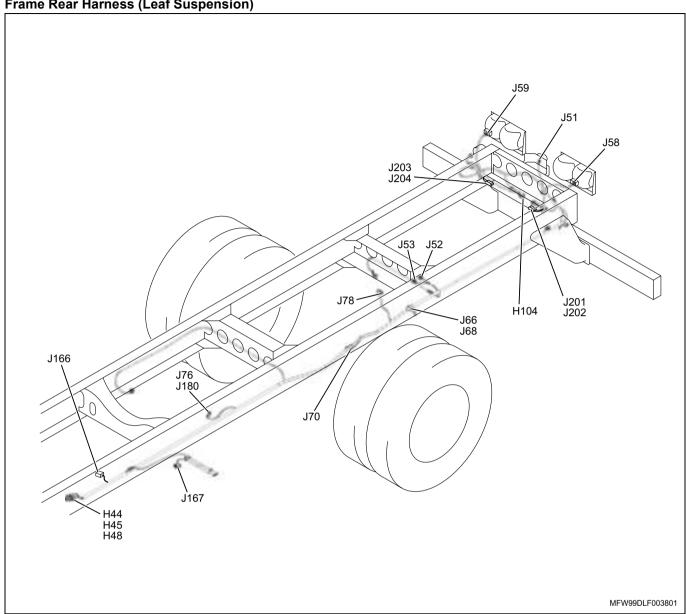


Legend			
F31	POWER SOURCE Fuse	FB30	Front Differential Magnetic Valve
F32	TCM Fuse	FB41	Exhaust Brake Magnetic Valve
F33	ECM MAIN Fuse	FB46	PTO Magnetic Valve
F34	<del>-</del>	FB49	Starter Relay (6HK1)
F35	<del>-</del>	FB50	Starter Relay (6HK1)
F36	<del>-</del>	FB53	Dropping Resistor
F37	AIR CONDITIONER Fuse	FB66	Exhaust Differential Pressure Sensor
F38	<del>-</del>	FB67	Exhaust Temperature Sensor 1
FB1	Air Pressure Sensor 1	FB68	Exhaust Temperature Sensor 2
FB2	Air Pressure Sensor 2	FB91	Front Differential Switch
FB5	Stoplight Switch 2	FB92	Transfer Low Switch
FB10	Chassis Relay Box	FB99	Water Separator Switch
FB13	Center Differential Lock Magnetic Valve	FB109	High Magnetic Valve
FB18	Frame (Right-Side) GND	FB110	Low Magnetic Valve
FB20	Frame (Right-Side) GND	FB116	Air Flow Sensor 2
FB21	Frame (Right-Side) GND	FB128	MAF & IAT Sensor (Euro4)
FB23	Frame (Right-Side) GND	FB129	All Speed Accel Sensor
FB24	Engine Control Module (ECM)	FB149	Frame (Right-Side) GND

### 9D-250 Wiring System (RHD model)

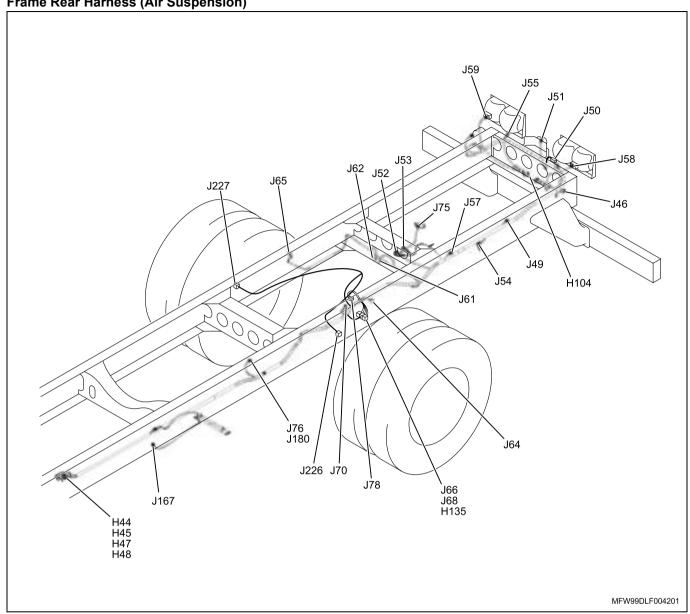
FB150	Frame (Right-Side) GND	J33	Clearance Light (LH) (Bumper
FB156	Vehicle Speed Sensor (FSS)	10.4	Installation)
FB157	Vehicle Speed Sensor (FULLER)	J34	Clearance Light (RH) (Bumper
FB160	Backup Light Switch	125	Installation)
FB163	Neutral Switch(4WD)	J35	Headlight Leveling Actuator (LH) (Bumper Installation)
FB164	Neutral Switch (FULLER)	J36	Headlight Leveling Actuator (RH)
FB171	Fuel Tank Unit (LH)	330	(Bumper Installation)
FB193	Air Flow Sensor (Euro2)	J39	Headlight High (Halogen) (LH)
FB195	Terminator (FTS Euro2)	000	(Bumper Headlight Type)
FB196	IAT Sensor (Euro2)	J40	Headlight High (Halogen) (RH)
H1	Joint between Harnesses Connector	0.0	(Bumper Headlight Type)
H9	Joint between Harnesses Connector	J43	Front Turn Signal Light (LH)
H10	Joint between Harnesses Connector	0.0	(Bumper Installation)
H11	Joint between Harnesses Connector	J44	Front Turn Signal Light (RH)
H12	Joint between Harnesses Connector		(Bumper Installation)
H18	Joint between Harnesses Connector	P1	Battery(+)
H19	Joint between Harnesses Connector	P2	Battery (-)
H29	Joint between Harnesses Connector	P3	Battery(+)
H30	Joint between Harnesses Connector	P4	Battery (-)
H31	Joint between Harnesses Connector	P5	Battery (Frame) GND
H33	Joint between Harnesses Connector	P6	Starter
H34	Joint between Harnesses Connector	SBF1	ECM Fuse
H35	Joint between Harnesses Connector	SBF2	STARTER Fuse
H36	Joint between Harnesses Connector	SBF3	<u>—</u>
H37	Joint between Harnesses Connector	SBF4	GLOW Fuse
H38	Joint between Harnesses Connector	SBF5	STARTER SW2 Fuse
H42	Joint between Harnesses Connector	SBF6	STARTER SW1 Fuse
H43	Joint between Harnesses Connector	SBF7	Smoother Fuse
H44	Joint between Harnesses Connector	SBF8	HEAD LAMP Fuse
H85	Joint between Harnesses Connector	SBF9	<u> </u>
H103	Joint between Harnesses Connector	SBF10	WIPER & H/AC Fuse
J27	Cornering Light (LH)	SBF11	ABS Fuse (4HK1)
	(Bumper Installation)	SBF12	CAB JUNCTION BLOCK Fuse
J28	Cornering Light (RH)	X17	Starter Relay (4HK1)
100	(Bumper Installation)	X18	ECM Main Relay
J29	J/C-EBUL8P	X19	Glow Relay
J30	J/C-EBUR8P	X20	A/C Compressor Relay
J31	Front Fog Light (LH)	X22	Starter Cut Relay
100	(Bumper Installation)	X24	Diode 3
J32	Front Fog Light (RH)		
	(Bumper Installation)		

### Frame Rear Harness (Leaf Suspension)



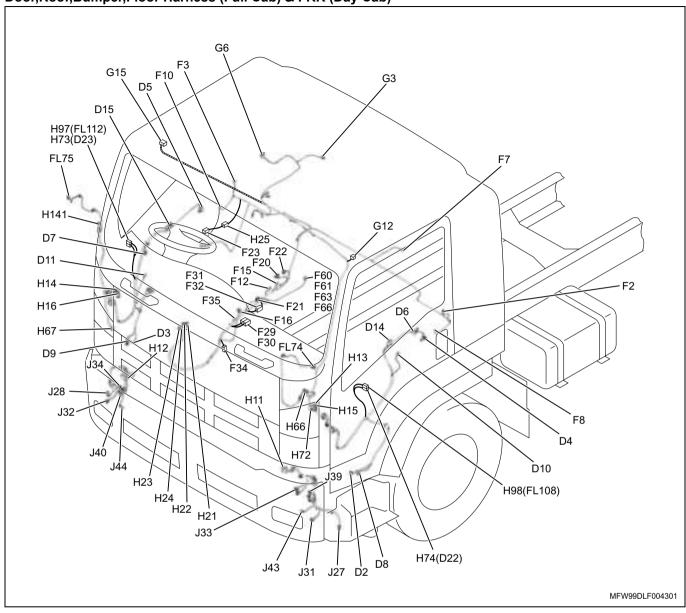
Legend			
H44	Joint between Harnesses Connector	J70	Wheel Speed Sensor (Rear)
H45	Joint between Harnesses Connector	J76	Air Low Pressure Switch
H48	Joint between Harnesses Connector	J78	Wheel Parking Brake Switch
H104	Joint between Harnesses Connector	J166	Inter Differential Lock Magnetic Valve
J51	License Plate Light	J167	Fuel Tank Unit (Rear)
J52	Modulator (Rear-Left)	J180	Air Low Pressure Switch (Australia)
J53	Modulator (Rear-Right)	J201	Tail Spare (LH)
J58	Rear Combination Light (LH)	J202	Tail Spare (LH) GND
J59	Rear Combination Light (RH)	J203	Tail Spare (RH)
J66	Wheel Speed Sensor (Rear-Left)	J204	Tail Spare(RH) GND
J68	Wheel Speed Sensor (Rear-Right)		

#### Frame Rear Harness (Air Suspension)



Legend			
H44	Joint between Harnesses Connector	J59	Rear Combination Light (RH)
H45	Joint between Harnesses Connector	J61	Air Pressure Sensor (Front Left)
H47	Joint between Harnesses Connector	J62	Air Pressure Sensor (Front Right)
H48	Joint between Harnesses Connector	J64	Height Sensor (Rear Left)
H104	Joint between Harnesses Connector	J65	Height Sensor (Rear Right)
H135	Joint between Harnesses Connector	J66	Wheel Speed Sensor (Rear-Left)
J46	Air Suspension Buzzer	J68	Wheel Speed Sensor (Rear-Right)
J49	J/C-8P2	J70	Wheel Speed Sensor (Rear)
J50	J/C-8P1	J75	Air Low Pressure Switch
J51	License Plate Light	J76	Air Low Pressure Switch
J52	Modulator (Rear-Left)	J78	Wheel Parking Brake Switch
J53	Modulator (Rear-Right)	J167	Fuel Tank Unit (Rear)
J54	Air Suspension Magnetic Valve	J180	Air Low Pressure Switch (Australia)
J55	Remote Control (External)	J226	Brake Wear Indicator (Rear-LH)
J57	J/C-RH6P2	J227	Brake Wear Indicator (Rear-RH)
J58	Rear Combination Light (LH)		



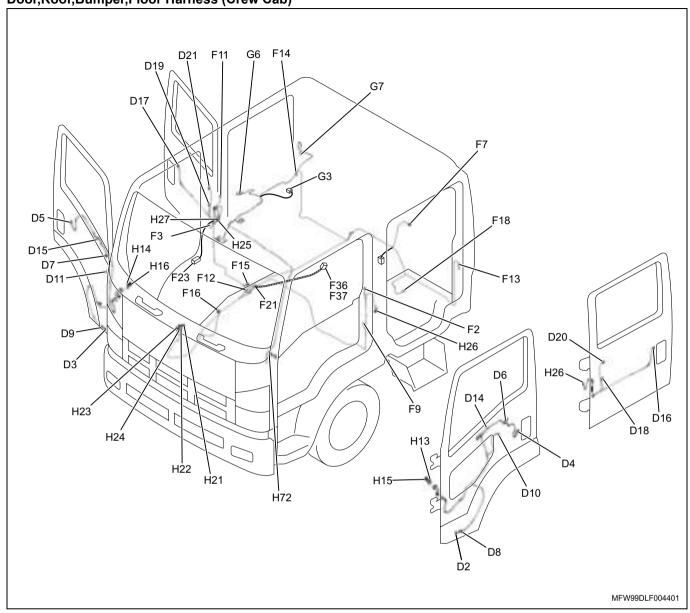


Legend			
D2	Cornering Light (LH) (Door Installation)	D23	Remote Control Mirror (RH) (With
D3	Cornering Light (RH) (Door Installation)		Heater) Door Mirror Type (Except
D4	Door Lock Actuator Front (LH)		Australia)
D5	Door Lock Switch & Actuator Front (RH)	F2	Passenger Pretensioner
D6	Front Power Window Motor (LH)	F3	Driver Pretensioner
D7	Front Power Window Motor (RH)	F7	Cab Lock Switch
D8	Side Turn Signal Light (LH) (Door	F8	Front Door Switch (LH)
	Installation)	F10	Front Door Switch (RH)
D9	Side Turn Signal Light (RH) (Door	F12	Parking Brake Switch
	Installation)	F15	Seat Belt Switch
D10	Speaker (LH)	F16	Shift Lever Switch
D11	Speaker (RH)	F20	Trailer Brake Switch
D14	Front Power Window Switch (LH)	F21	Wheel Parking Brake Switch (Except
D15	Front Power Window Switch (RH)		Trailer)
D22	Remote Control Mirror (LH) (With	F22	Wheel Parking Brake Switch
	Heater) Door Mirror Type (Except	F23	Remote Control (Internal)
	Australia)	F29	ISRI Seat Belt Switch (Australia
			Equipment )

### 9D-254 Wiring System (RHD model)

F30	Driver Pretensioner and Seat Belt Switch	H15	Joint between Harnesses Connector
	(ISRI Seat)	H16	Joint between Harnesses Connector
	(Australia Equipment)	H21	Joint between Harnesses Connector
F31	ISRI SUB Plug (Australia Equipment )	H22	Joint between Harnesses Connector
F32	ISRI SUB Socket	H23	Joint between Harnesses Connector
	(Australia Equipment )	H24	Joint between Harnesses Connector
F34	Shift Lever Light	H25	Joint between Harnesses Connector
F35	Shift Selector	H66	Joint between Harnesses Connector
F60	Remote Control Door Mirror Switch	H67	Joint between Harnesses Connector
	(Except Trailer Model)	H72	Joint between Harnesses Connector
F61	Remote Control Under Mirror Switch	H73	Joint between Harnesses Connector
	(Except Trailer Model)	H74	Joint between Harnesses Connector
F63	Remote Control Door Mirror Switch	H97	Joint between Harnesses Connector
	(Trailer Model)	H98	Joint between Harnesses Connector
F66	Remote Control Under Mirror Switch	H141	Joint between Harnesses Connector
	(Trailer Model)	J27	Cornering Light (LH) (Bumper
FL74	Remote Control Mirror (LH) (With		Installation)
E1 75	Heater) Pillar Mirror	J28	Cornering Light (RH) (Bumper
FL75	Remote Control Mirror (RH) (With		Installation)
EL 100	Heater) Pillar Mirror	J31	Front Fog Light (LH)
FL108	Remote Control Mirror (LH) (With	J32	Front Fog Light (RH)
FL112	Heater) Australia Two-Mirror Type Remote Control Mirror (RH) (With	J33	Cornering Light (LH) (Bumper
rl112	Remote Control Mirror (RH) (With Heater) Australia Two-Mirror Type		Installation)
G3	Fluorescent Light	J34	Cornering Light (RH) (Bumper
G6	Dome Light		Installation)
G12	Roof-Mounted Clearance Light 1	J39	Headlight (Halogen) (LH)
G12 G15		J40	Headlight (Halogen) (RH)
H11	Roof-Mounted Clearance Light 2 Joint between Harnesses Connector	J43	Front Turn Signal Light (LH) (Bumper
H12	Joint between Harnesses Connector		Installation)
		J44	Front Turn Signal Light (RH) (Bumper
H13	Joint between Harnesses Connector		Installation)
H14	Joint between Harnesses Connector		

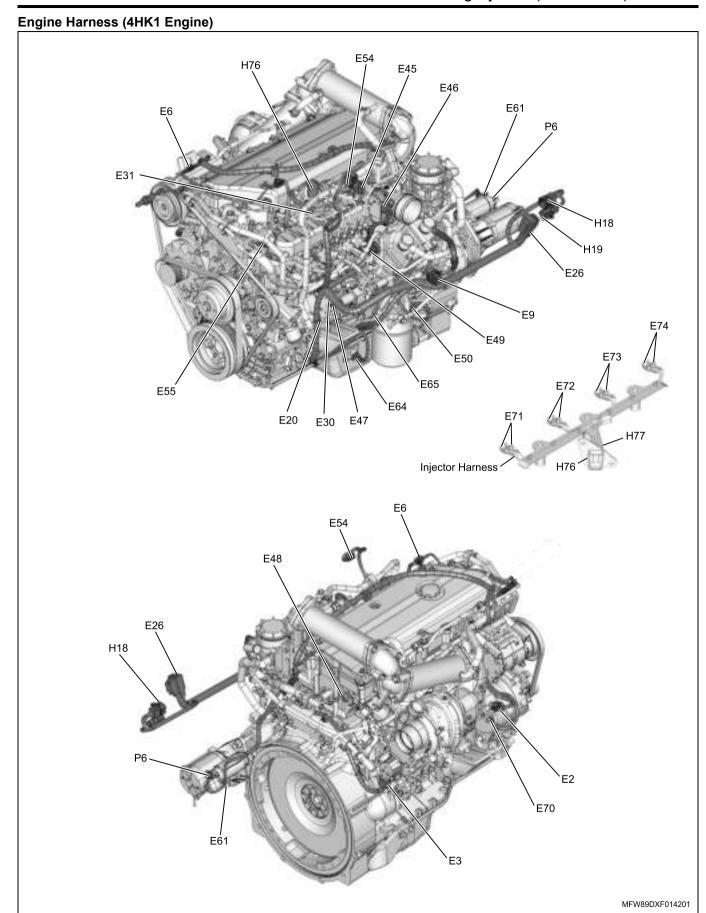
### Door,Roof,Bumper,Floor Harness (Crew Cab)



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

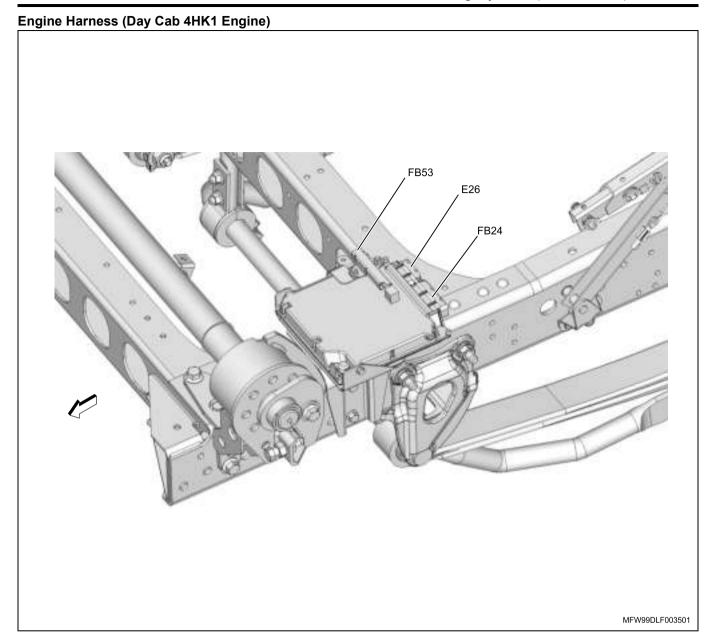
### 9D-256 Wiring System (RHD model)

G3	Fluorescent Light	H22	Joint between Harnesses Connector
G6	Dome Light	H23	Joint between Harnesses Connector
G7	Rear Dome Light	H24	Joint between Harnesses Connector
H13	Joint between Harnesses Connector	H25	Joint between Harnesses Connector
H14	Joint between Harnesses Connector	H26	Joint between Harnesses Connector
H15	Joint between Harnesses Connector	H27	Joint between Harnesses Connector
H16	Joint between Harnesses Connector	H72	Joint between Harnesses Connector
H21	Joint between Harnesses Connector		



### 9D-258 Wiring System (RHD model)

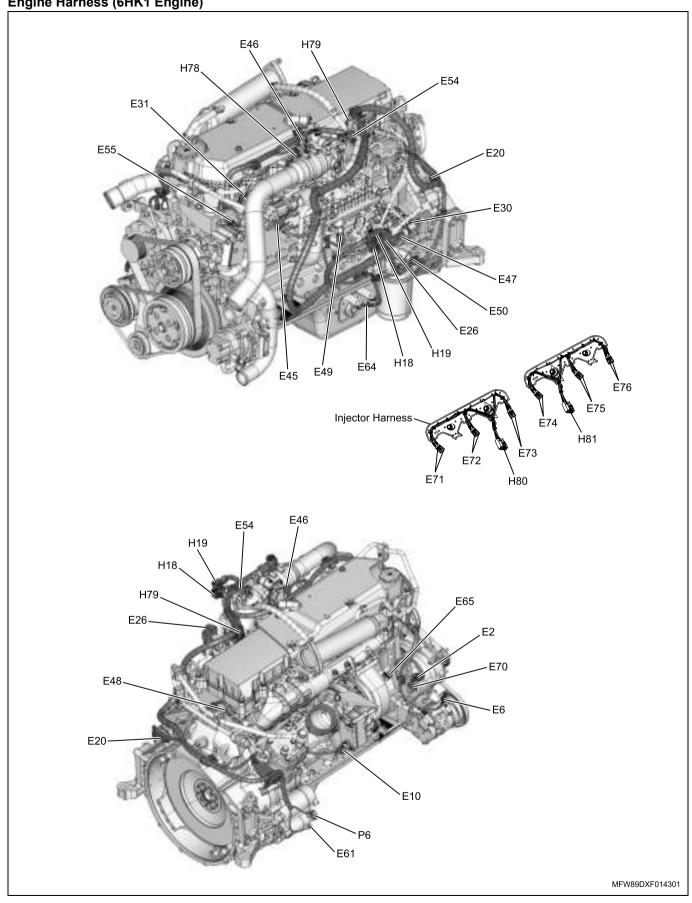
Legend			
E2	AC Generator (B)	E61	Starter
E3	VGS Actuator	E64	Engine Oil Level Switch
E6	A/C Compressor	E65	Oil Pressure Switch
E9	VNT Control Module	E70	AC Generator
E20	Engine GND	E71	Cylinder Fuel Injector No.1 (Cylinder
E26	Engine Control Module (ECM)		No.1)
E30	Fuel Temperature (FT) Sensor	E72	Cylinder Fuel Injector No.4 (Cylinder
E31	Glow Plug		No.2)
E45	EGR Valve	E73	Cylinder Fuel Injector No.2 (Cylinder
E46	Intake Throttle Valve		No.3)
E47	Fule Rail Pressure (FRP) Regulator	E74	Cylinder Fuel Injector No.3 (Cylinder
E48	Camshaft Position (CMP) Sensor		No.3)
E49	Fule Rail Pressure (FRP) Sensor	H18	Joint between Harnesses Connector
E50	Crankshaft Position (CKP) Sensor	H19	Joint between Harnesses Connector
E54	Boost Pressure Sensor	H76	Joint between Harnesses Connector
E55	Engine Coolant Temperature (ECT)	H77	Joint between Harnesses Connector
200	Sensor	P6	Starter



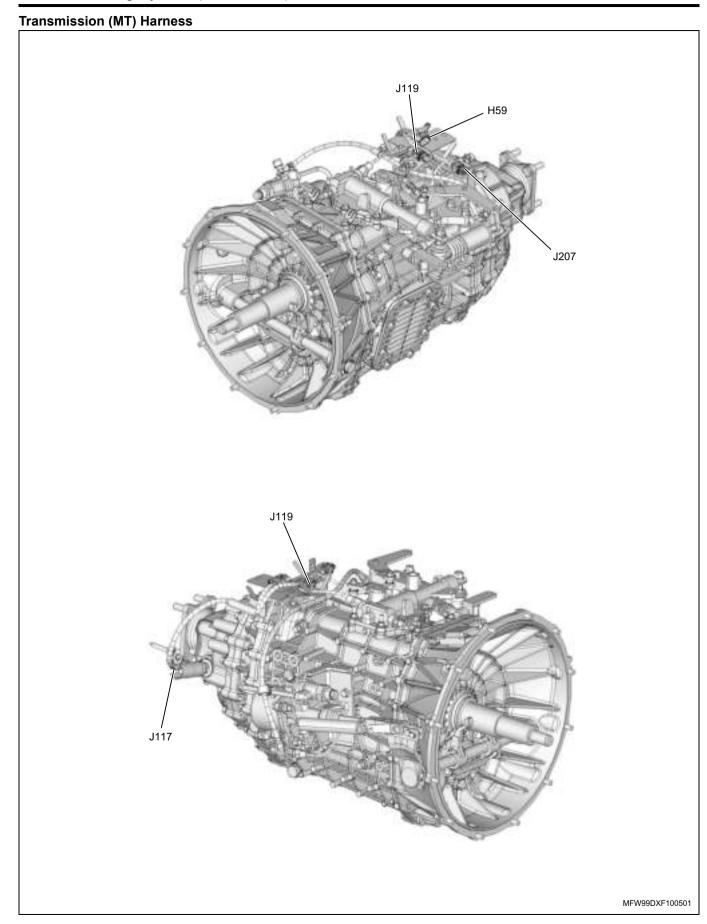
### Legend

E26 Engine Control Module (ECM) FB24 Engine Control Module (ECM) FB53 Dropping Resistor

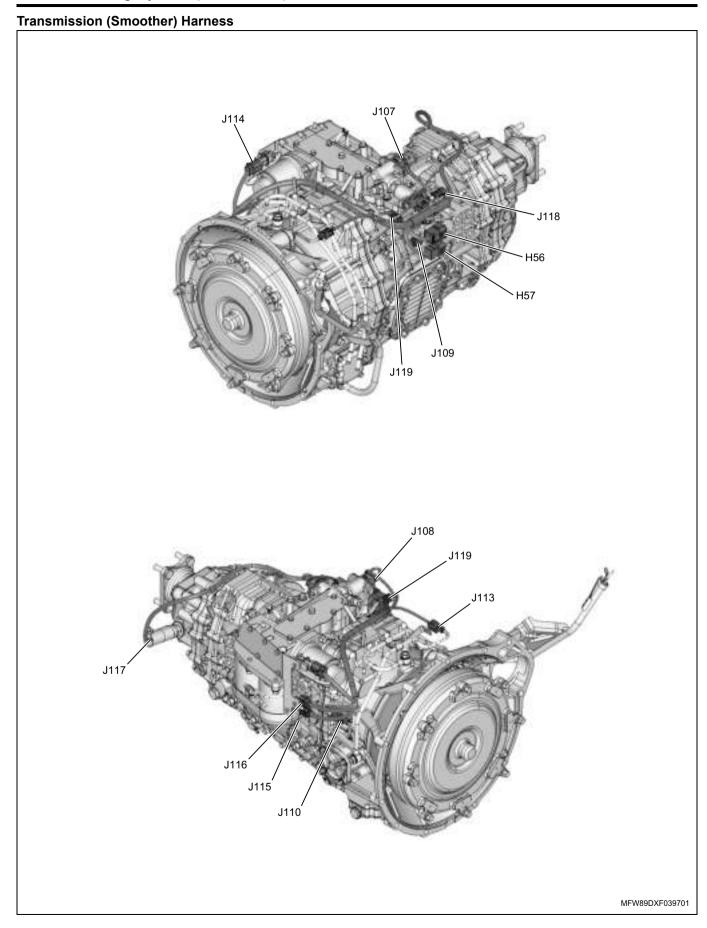
**Engine Harness (6HK1 Engine)** 



Legend			
E2	AC Generator (B)	E71	Cylinder Fuel Injector No.1 (Cylinder
E6	A/C Compressor		No.1)
E10	Rotary Electric Actuator (REA)	E72	Cylinder Fuel Injector No.5 (Cylinder
E20	Engine GND		No.2)
E26	Engine Control Module (ECM)	E73	Cylinder Fuel Injector No.3 (Cylinder
E30	Fuel Temperature (FT) Sensor		No.3)
E31	Glow Plug	E74	Cylinder Fuel Injector No.6 (Cylinder
E45	EGR Valve		No.4)
E46	Intake Throttle Valve	E75	Cylinder Fuel Injector No.2 (Cylinder
E47	Fule Rail Pressure (FRP) Regulator	E70	No.5)
E48	Camshaft Position (CMP) Sensor	E76	Cylinder Fuel Injector No.4 (Cylinder
E49	Fule Rail Pressure (FRP) Sensor	H18	No.6) Joint between Harnesses Connector
E50	Crankshaft Position (CKP) Sensor		
E54	Boost Pressure Sensor	H19	Joint between Harnesses Connector
E55	Engine Coolant Temperature (ECT)	H78	Joint between Harnesses Connector
	Sensor	H79	Joint between Harnesses Connector
E61	Starter	H80	Joint between Harnesses Connector
E64	Engine Oil Level Switch	H81	Joint between Harnesses Connector
E65	Oil Pressure Switch	P6	Starter
E70	AC Generator		

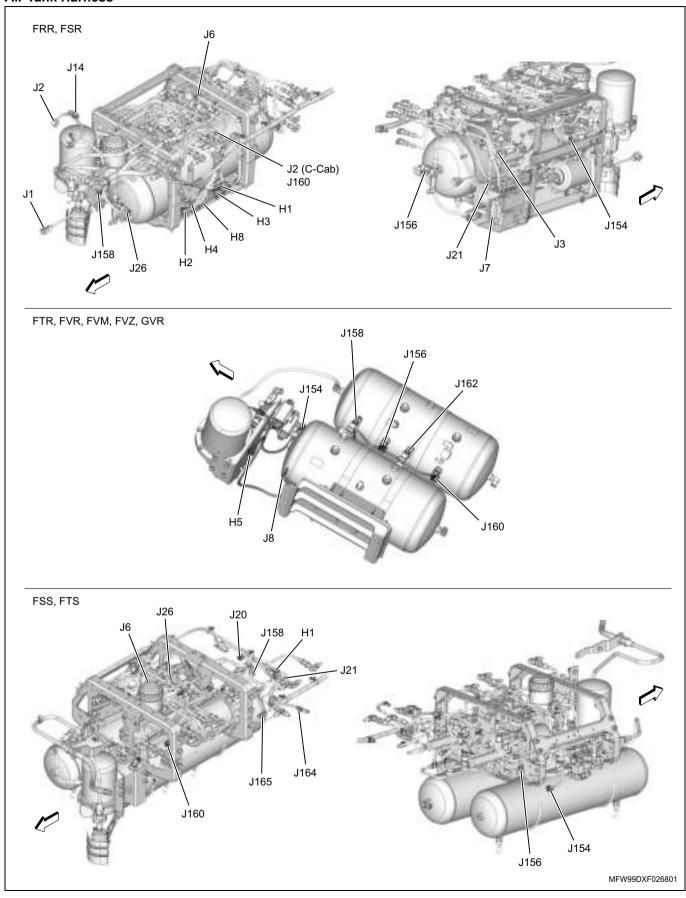


Legend				
H59	Joint between Harnesses Connector	J119	Neutral Switch	
J117	Vehicle Speed Sensor	J207	Backup Light Switch	



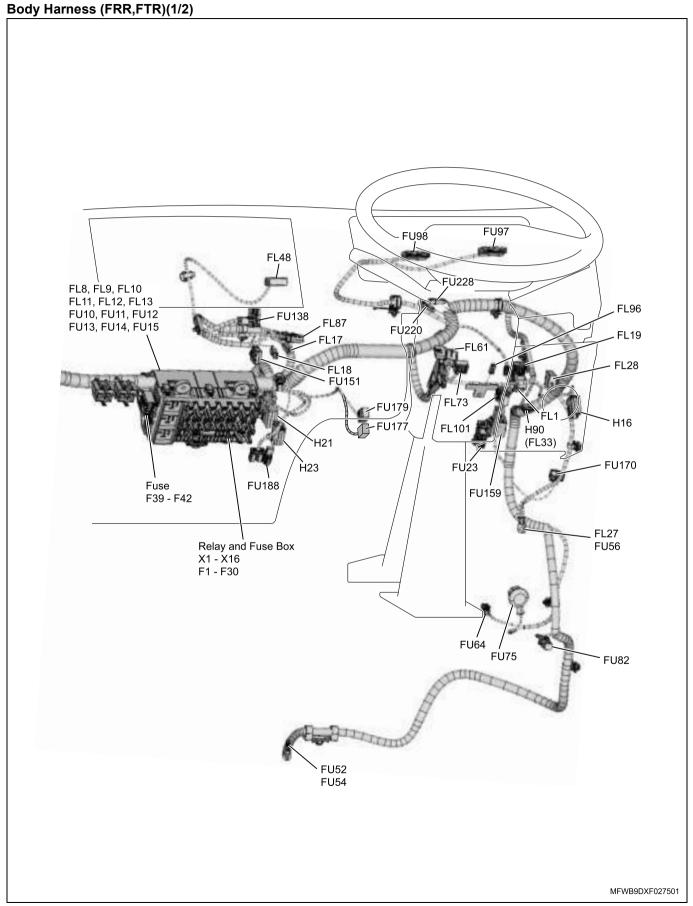
H56	Joint between Harnesses Connector	J114	Select Solenoid
H57	Joint between Harnesses Connector	J115	1-3-5 Shift Solenoid
J107	Gear Select Position Sensor	J116	2-4-R Shift Solenoid
J108	Gear Shift Position Sensor	J117	Vehicle Speed Sensor
J109	Input Shaft Speed Sensor	J118	Backup Light Switch
J110	Turbine Speed Sensor	J119	Neutral Switch
J113	Oil Pump Assembly		

#### **Air Tank Harness**

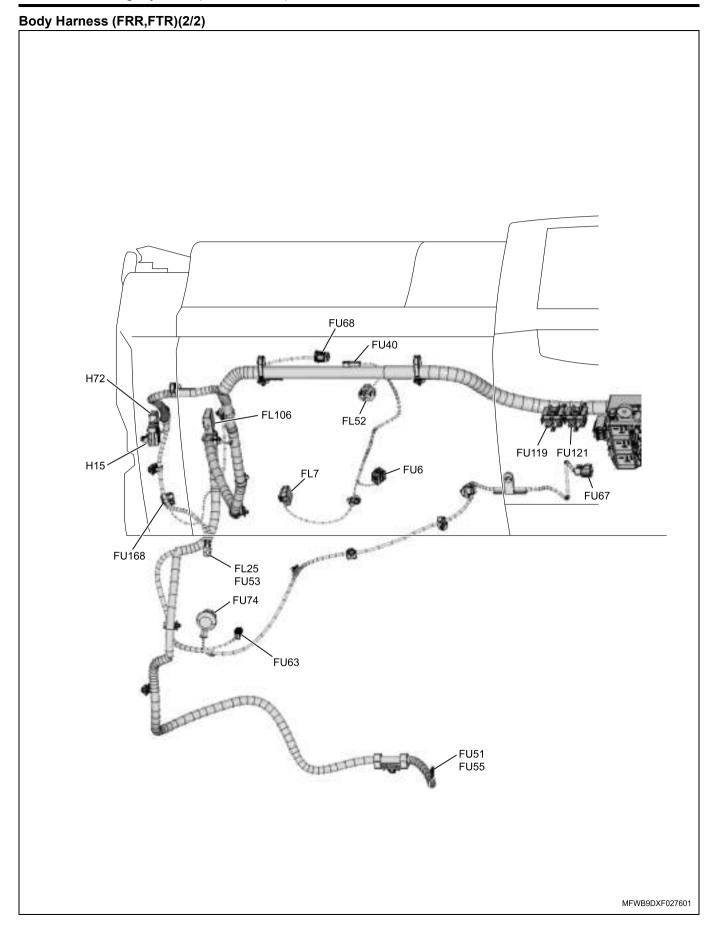


H1	Joint between Harnesses Connector	J20	Air Master Stroke Switch 1
H2	Joint between Harnesses Connector	J21	Air Master Stroke Switch 2
H3	Joint between Harnesses Connector	J26	Brake Fluid Level Switch
H4	Joint between Harnesses Connector	J154	Air Low Pressure Switch 4
H5	Joint between Harnesses Connector	J156	Air Low Pressure Switch 1
H8	Joint between Harnesses Connector	J158	Air Low Pressure Switch 2
J1	Air Dryer	J160	Air Low Pressure Switch 3
J2	Air Flow Sensor	J162	Air Low Pressure Switch WPA1
J3	ASR Valve	J164	Air Master Stroke Switch 5
J6	HSA Valve		(Euro2 FSS,FTS)
J7	EHCU (ABS/ASR Control Unit)	J165	Air Master Stroke Switch 6
J8	Exhaust Brake Magnetic Valve		(Euro2 FSS,FTS)
J14	MAF&IAT sensor		

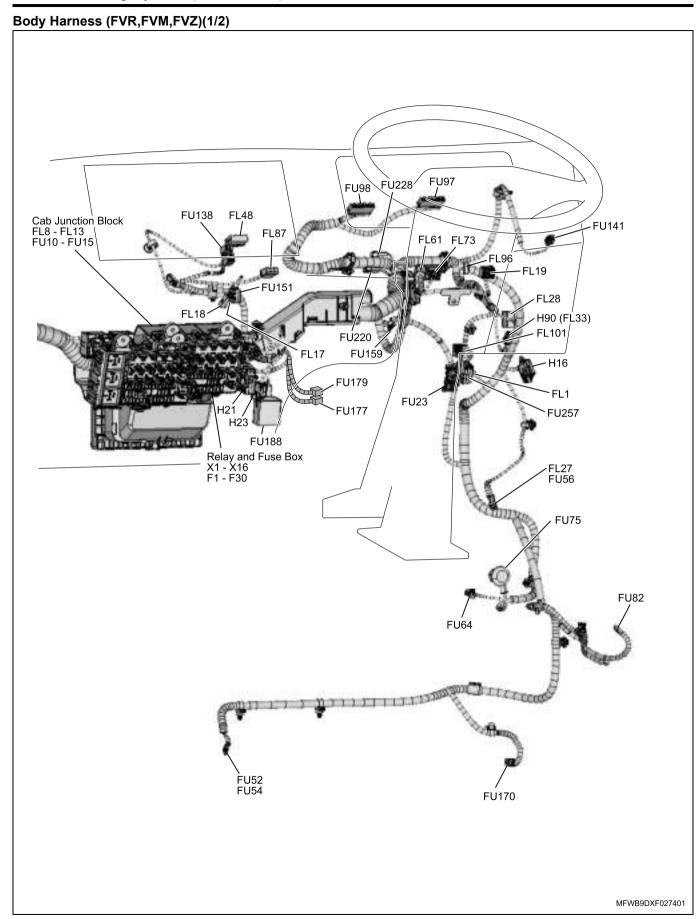
#### Indonesia



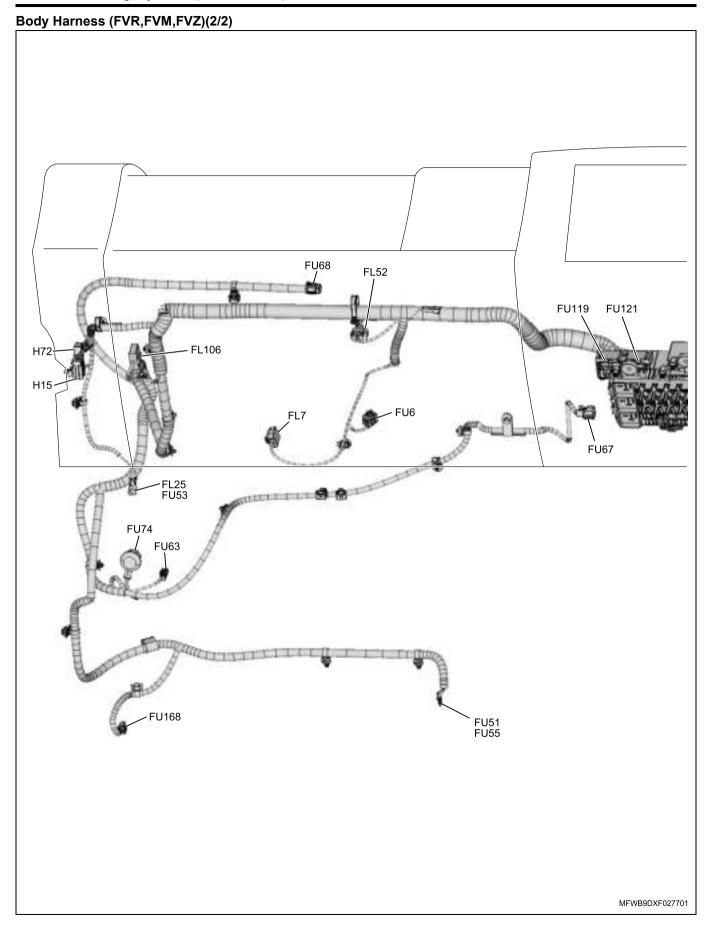
Legend			
F1	H/LIGHT CLEANER Fuse	FL61	Starter Switch
F2	AIR SUSPENSION Fuse	FL73	Wiper & Exhaust Brake Switch
F3	DOME LIGHT Fuse	FL87	Hazard Warning Flasher Switch
F4	DOOR LOCK Fuse	FL96	Horn Switch
F5	FRT FOG LIGHT Fuse	FL101	DRM
F6	POWER WINDOW Fuse	FU10	Cab Junction Block
F7	ABS Fuse	FU11	Cab Junction Block
F8	FRONT WIPER&WASHER Fuse	FU12	Cab Junction Block
F9	H/LIGHT LH Fuse	FU13	Cab Junction Block
F10	IMMOBILIZER Fuse	FU14	Cab Junction Block
F11	H/LIGHT RH Fuse	FU15	Cab Junction Block
F12	STOP LIGHT Fuse	FU23	Data Link Connector
F13	STARTER Fuse	FU52	Frame (Front-RH) GND
F14	H/LIGHT LH Fuse	FU54	Frame (Front-RH) GND
F15	H/LIGHT RH Fuse	FU56	Cab (Front-RH) GND
F16	MIRROR HEATER Fuse	FU64	Clearance Light (RH)
F17	AIR DRYER Fuse	FU75	Headlight (RH)
F18	PTO. BACK LIGHT Fuse	FU82	Horn RH (Flat Type)
F19	SRS Fuse	FU97	Instrument Panel (IP) Cluster
F20	ENGINE CONTROLLER Fuse	FU98	Instrument Panel (IP) Cluster
F21	METER Fuse	FU138	Heater A/C Control Panel
F22	RR FOG LIGHT Fuse	FU151	PTO Switch (MT)
F23	REMOTE CONTROL MIRROR Fuse	FU159	Stoplight Switch 1
F24	CIGAR LIGHTER Fuse	FU170	Front Turn Signal Light (RH)
F25	HORN Fuse	FU177	Clutch Switch (PTO)
F26	TURN LIGHT, HAZARD Fuse	FU179	Clutch Switch
F27	TAIL LIGHT Fuse	FU188	Memory Clear Switch
F28	ILLUMI Fuse	FU220	DiodeB1-1
F29	CORNERING LIGHT/ RR FOG LIGHT	FU228	Diode4
	Fuse	H16	Joint between Harnesses Connector
F30	BLOWER MOTOR Fuse	H21	Joint between Harnesses Connector
F39	CONDENSER FAN (AIR CON) Fuse	H23	Joint between Harnesses Connector
F40	<del>_</del>	H90	Joint between Harnesses Connector
F41	POWER WINDOW(REAR)Fuse	X1	Stoplight Relay
F42	ABS Fuse	X2	Blower Motor Relay
FL1	Accelerator Pedal Position Sensor	X3	_
FL8	Cab Junction Block	X4	<del>_</del>
FL9	Cab Junction Block	X5	<del>_</del>
FL10	Cab Junction Block	X6	Wiper Main Relay
FL11	Cab Junction Block	X7	Horn Relay
FL12	Cab Junction Block	X8	Wiper High/ Low Relay
FL13	Cab Junction Block	X9	<del>_</del>
FL17	Cigarette Lighter	X10	<del>_</del>
FL18	Cigarette Lighter	X11	<del>_</del>
FL19	Combination Switch	X12	<del>_</del>
FL27	Cab (Front-RH) GND	X13	Headlight(Low) Relay
FL28	Flasher Unit	X14	Stoplight Relay
FL33	Idle Up Volume	X15	Headlight(High) Relay
FL48	Audio	X16	Taillight Relay



FL7	Blower Motor	FU63	Clearance Light (LH)
FL25	Cab (Front-LH) GND	FU67	Washer Motor
FL52	Barometric Pressure (BARO) Sensor	FU68	Wiper Motor
FL106	Intermittent Relay	FU74	Headlight (LH)
FU6	Blower Resistor	FU119	PTO Main Relay
FU40	Diode 4	FU121	PTO Cut Relay
FU51	Frame (Front-LH) GND	FU168	Front Turn Signal Light (LH)
FU53	Frame (Front-RH) GND	H15	Joint between Harnesses Connector
FU55	Frame (Front-LH) GND	H72	Joint between Harnesses Connector

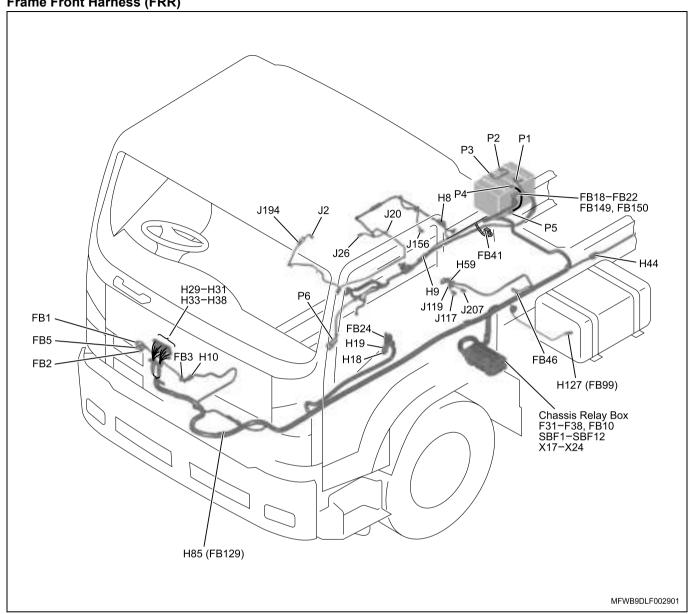


			5 7 (
Legend			
F1	H/LIGHT CLEANER Fuse	FL96	Horn Switch
F2	AIR SUSPENSION Fuse	FL101	DRM
F3	DOME LIGHT Fuse	FU10	Cab Junction Block
F4	DOOR LOCK Fuse	FU11	Cab Junction Block
F5	FRT FOG LIGHT Fuse	FU12	Cab Junction Block
F6	POWER WINDOW Fuse	FU13	Cab Junction Block
F7	ABS Fuse	FU14	Cab Junction Block
F8	FRONT WIPER&WASHER Fuse	FU15	Cab Junction Block
F9	H/LIGHT LH Fuse	FU23	Data Link Connector
F10	IMMOBILIZER Fuse	FU52	Frame (Front-RH) GND
F11	H/LIGHT RH Fuse	FU54	Frame (Front-RH) GND
F12	STOP LIGHT Fuse	FU56	Cab (Front-RH) GND
F13	STARTER Fuse	FU64	Clearance Light (RH)
F14	H/LIGHT LH Fuse	FU75	Headlight (RH)
F15	H/LIGHT RH Fuse	FU82	Horn RH (Flat Type)
F16	MIRROR HEATER Fuse	FU97	Instrument Panel (IP) Cluster
F17	AIR DRYER Fuse	FU98	Instrument Panel (IP) Cluster
F18	PTO. BACK LIGHT Fuse	FU138	Heater A/C Control Panel
F19	SRS Fuse	FU141	Inter Differential Lock Switch
F20	ENGINE CONTROLLER Fuse	FU151	PTO Switch (MT)
F21	METER Fuse	FU159	Stoplight Switch 1
F22	RR FOG LIGHT Fuse	FU170	Front Turn Signal Light (RH)
F23	REMOTE CONTROL MIRROR Fuse	FU177	Clutch Switch (PTO)
F24	CIGAR LIGHTER Fuse	FU177	Clutch Switch
F25	HORN Fuse	FU179	
F26		FU220	Memory Clear Switch DiodeB1-1
F27	TURN LIGHT, HAZARD Fuse TAIL LIGHT Fuse	FU228	Diode4
F28	ILLUMI Fuse	FU257	Speed Sensor Control Unit(ZF)
F29	CORNERING LIGHT/ RR FOG LIGHT	H16	Joint between Harnesses Connector
F <b>Z</b> 9	Fuse	H21	Joint between Harnesses Connector
F30	BLOWER MOTOR Fuse	H23	Joint between Harnesses Connector
FL1	Accelerator Pedal Position Sensor	H90	Joint between Harnesses Connector
FL8	Cab Junction Block		
FL9	Cab Junction Block	X1 X2	Stoplight Relay Blower Motor Relay
FL10	Cab Junction Block	X3	blower Motor Relay
FL11	Cab Junction Block	X4	<del>_</del>
FL12	Cab Junction Block	X <del>4</del> X5	<del>_</del>
FL13	Cab Junction Block Cab Junction Block	X6	Winer Main Delay
FL17	Cigarette Lighter		Wiper Main Relay
FL18	Cigarette Lighter	X7	Horn Relay
FL19	Combination Switch	X8	Wiper High/ Low Relay
FL19 FL27	Cab (Front-RH) GND	X9	<del>_</del>
FL28	Flasher Unit	X10	<del>_</del>
FL33		X11	<del>_</del>
	Idle Up Volume	X12	—
FL48	Audio	X13	Headlight(Low) Relay
FL61	Starter Switch	X14	Stoplight Relay
FL73	Wiper & Exhaust Brake Switch	X15	Headlight(High) Relay
FL87	Hazard Warning Flasher Switch	X16	Taillight Relay



Legend			
FL7	Blower Motor	FU63	Clearance Light (LH)
FL25	Cab (Front-LH) GND	FU67	Washer Motor
FL52	Barometric Pressure (BARO) Sensor	FU68	Wiper Motor
FL106	Intermittent Relay	FU74	Headlight (LH)
FU6	Blower Resistor	FU119	PTO Main Relay
FU40	Diode 4	FU121	PTO Cut Relay
FU51	Frame (Front-LH) GND	FU168	Front Turn Signal Light (LH)
FU53	Frame (Front-RH) GND	H15	Joint between Harnesses Connector
FU55	Frame (Front-LH) GND	H72	Joint between Harnesses Connector

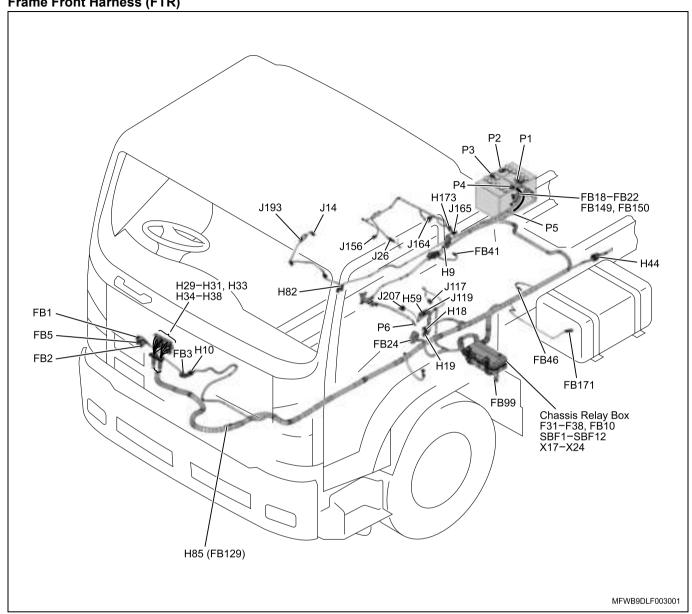
#### Frame Front Harness (FRR)



Legend			
F31	POWER SOURCE Fuse	FB24	Engine Control Module (ECM)
F32	<del>_</del>	FB41	Exhaust Brake Magnetic Valve
F33	ECM MAIN Fuse	FB46	PTO Magnetic Valve
F34	<del>-</del>	FB99	Water Separator Switch
F35	<del>-</del>	FB129	All Speed Accel Sensor
F36	<del>-</del>	FB149	Frame (Right-Side) GND
F37	AIR CONDITIONER Fuse	FB150	Frame (Right-Side) GND
F38	<del>-</del>	H8	Joint between Harnesses Connector
FB1	Air Pressure Sensor 1	H9	Joint between Harnesses Connector
FB2	Air Pressure Sensor 2	H10	Joint between Harnesses Connector
FB3	J/C-RH6P1	H18	Joint between Harnesses Connector
FB5	Stoplight Switch 2	H19	Joint between Harnesses Connector
FB10	Chassis Relay Box	H29	Joint between Harnesses Connector
FB18	Frame (Right-Side) GND	H30	Joint between Harnesses Connector
FB19	Frame (Right-Side) GND	H31	Joint between Harnesses Connector
FB20	Frame (Right-Side) GND	H32	Joint between Harnesses Connector
FB21	Frame (Right-Side) GND	H33	Joint between Harnesses Connector
FB22	Frame (Right-Side) GND	H34	Joint between Harnesses Connector

H36	Joint between Harnesses Connector	P6	Starter
1130	Joint between Harnesses Connector	SBF1	ECM Fuse
H37	Joint between Harnesses Connector	SBF2	STARTER Fuse
H38	Joint between Harnesses Connector	SBF3	<del>-</del>
H44	Joint between Harnesses Connector	SBF4	<del>-</del>
H59	Joint between Harnesses Connector	SBF5	STARTER SW2 Fuse
H85	Joint between Harnesses Connector	SBF6	STARTER SW1 Fuse
H127	Joint between Harnesses Connector	SBF7	<del>-</del>
J2	Air Flow Sensor	SBF8	HEAD LAMP Fuse
J20	Air Master Stroke Switch	SBF9	<del>_</del>
J26	Brake Fluid Level Switch	SBF10	WIPER & H/AC Fuse
J117	Vehicle Speed Sensor	SBF11	<del>-</del>
J119	Neutral Switch	SBF12	CAB JUNCTION BLOCK Fuse
J156	Air Low Pressure Switch 1	X17	Starter Relay
J194	IAT Sensor (AOH Brake)	X18	ECM Main Relay
J207	Backup Light Switch	X19	<del>-</del>
P1	Battery(+)	X20	A/C Compressor Relay
P2	Battery (-)	X21	<del>-</del>
P3	Battery (+)	X22	Starter Cut Relay
P4	Battery (-)	X23	<del>-</del>
P5	Battery (Frame) GND	X24	Diode 3

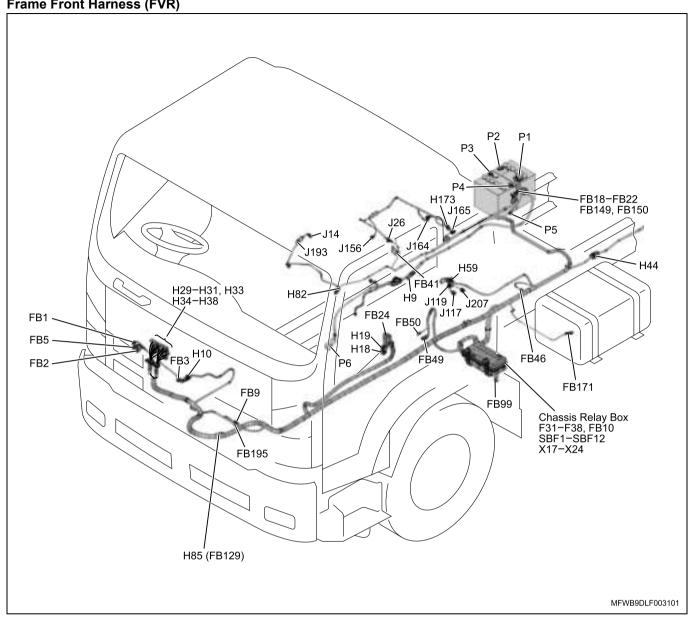
#### Frame Front Harness (FTR)



Legend			
F31	POWER SOURCE Fuse	FB24	Engine Control Module (ECM)
F32	<del>_</del>	FB41	Exhaust Brake Magnetic Valve
F33	ECM MAIN Fuse	FB46	PTO Magnetic Valve
F34	<del>-</del>	FB99	Water Separator Switch
F35	<del>-</del>	FB129	All Speed Accel Sensor
F36	<del>-</del>	FB149	Frame (Right-Side) GND
F37	AIR CONDITIONER Fuse	FB150	Frame (Right-Side) GND
F38	<del>-</del>	FB171	Fuel Tank Unit (LH)
FB1	Air Pressure Sensor 1	H9	Joint between Harnesses Connector
FB2	Air Pressure Sensor 2	H10	Joint between Harnesses Connector
FB3	J/C-RH6P1	H18	Joint between Harnesses Connector
FB5	Stoplight Switch 2	H19	Joint between Harnesses Connector
FB10	Chassis Relay Box	H29	Joint between Harnesses Connector
FB18	Frame (Right-Side) GND	H30	Joint between Harnesses Connector
FB19	Frame (Right-Side) GND	H31	Joint between Harnesses Connector
FB20	Frame (Right-Side) GND	H33	Joint between Harnesses Connector
FB21	Frame (Right-Side) GND	H34	Joint between Harnesses Connector
FB22	Frame (Right-Side) GND	H35	Joint between Harnesses Connector

H36	Joint between Harnesses Connector	P6	Starter
H37	Joint between Harnesses Connector	SBF1	ECM Fuse
H38	Joint between Harnesses Connector	SBF2	STARTER Fuse
H44	Joint between Harnesses Connector	SBF3	<u> </u>
H59	Joint between Harnesses Connector	SBF4	<del>_</del>
H82	Joint between Harnesses Connector	SBF5	STARTER SW2 Fuse
H85	Joint between Harnesses Connector	SBF6	STARTER SW1 Fuse
H173	Joint between Harnesses Connector	SBF7	<del>_</del>
J14	IAT Sensor	SBF8	HEAD LAMP Fuse
J26	Brake Fluid Level Switch	SBF9	<del>_</del>
J117	Vehicle Speed Sensor	SBF10	WIPER & H/AC Fuse
J119	Neutral Switch	SBF11	<del>-</del>
J156	Air Low Pressure Switch 1	SBF12	CAB JUNCTION BLOCK Fuse
J164	Air Master Stroke Switch 5 (FTR)	X17	Starter Relay(4HK1)
J165	Air Master Stroke Switch 6 (FTR)	X18	ECM Main Relay
J193	Air Flow Sensor	X19	<del>-</del>
J207	Backup Light Switch	X20	A/C Compressor Relay
P1	Battery(+)	X21	<del>-</del>
P2	Battery (-)	X22	Starter Cut Relay
P3	Battery(+)	X23	<del>-</del>
P4	Battery (-)	X24	Diode 3
P5	Battery (Frame) GND		

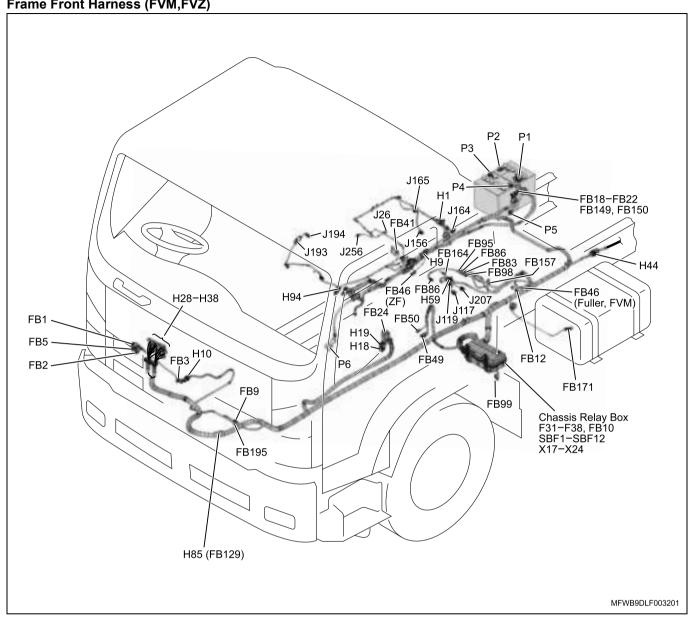
#### Frame Front Harness (FVR)



Legend			
F31	POWER SOURCE Fuse	FB22	Frame (Right-Side) GND
F32	<del>-</del>	FB24	Engine Control Module (ECM)
F33	ECM MAIN Fuse	FB41	Exhaust Brake Magnetic Valve
F34	<del>-</del>	FB46	PTO Magnetic Valve
F35	<del>-</del>	FB49	Starter Relay (6HK1)
F36	<del>-</del>	FB50	Starter Relay (6HK1)
F37	AIR CONDITIONER Fuse	FB99	Water Separator Switch
F38	<del>-</del>	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

H31	Joint between Harnesses Connector	P4	Battery (-)
H33	Joint between Harnesses Connector	P5	Battery (Frame) GND
H34	Joint between Harnesses Connector	P6	Starter
H35	Joint between Harnesses Connector	SBF1	ECM Fuse
H36	Joint between Harnesses Connector	SBF2	STARTER Fuse
H37	Joint between Harnesses Connector	SBF3	_
H38	Joint between Harnesses Connector	SBF4	_
H44	Joint between Harnesses Connector	SBF5	STARTER SW2 Fuse
H59	Joint between Harnesses Connector	SBF6	STARTER SW1 Fuse
H82	Joint between Harnesses Connector	SBF7	_
H85	Joint between Harnesses Connector	SBF8	HEAD LAMP Fuse
H173	Joint between Harnesses Connector	SBF9	<del>_</del>
J14	IAT Sensor	SBF10	WIPER & H/AC Fuse
J26	Brake Fluid Level Switch	SBF11	ABS Fuse (4HK1)
J117	Vehicle Speed Sensor	SBF12	CAB JUNCTION BLOCK Fuse
J119	Neutral Switch	X17	<del>_</del>
J156	Air Low Pressure Switch 1	X18	ECM Main Relay
J164	Air Master Stroke Switch 5 (FVR)	X19	<u> </u>
J165	Air Master Stroke Switch 6 (FVR)	X20	A/C Compressor Relay
J193	Air Flow Sensor	X21	<u> </u>
J207	Backup Light Switch	X22	Starter Cut Relay
P1	Battery(+)	X23	· <u> </u>
P2	Battery (-)	X24	Diode 3
P3	Battery(+)		

#### Frame Front Harness (FVM,FVZ)

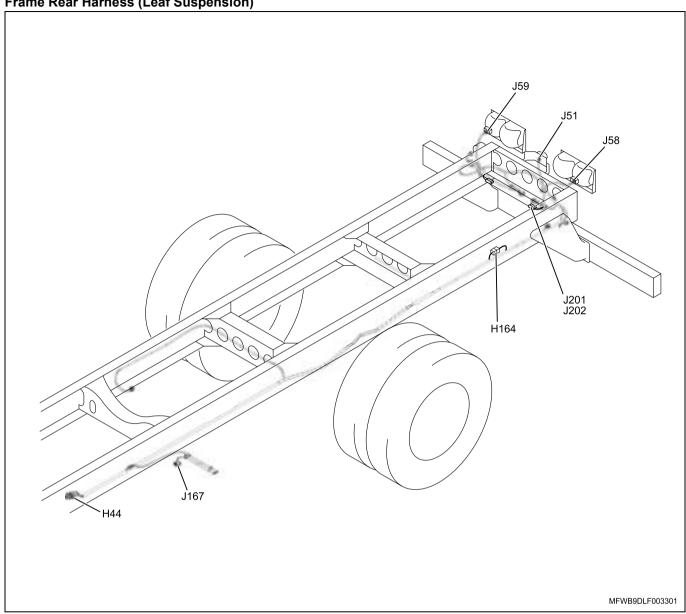


Legend			
F31	POWER SOURCE Fuse	FB21	Frame (Right-Side) GND
F32	<del>_</del>	FB22	Frame (Right-Side) GND
F33	ECM MAIN Fuse	FB24	Engine Control Module (ECM)
F34	<del>-</del>	FB41	Exhaust Brake Magnetic Valve
F35	<del>-</del>	FB46	PTO Magnetic Valve
F36	<del>-</del>	FB49	Starter Relay (6HK1)
F37	AIR CONDITIONER Fuse	FB50	Starter Relay (6HK1)
F38	<del>-</del>	FB83	Impulse Sensor
FB1	Air Pressure Sensor 1	FB86	Backup Light Switch (ZF,Fuller)
FB2	Air Pressure Sensor 2	FB95	Neutral Switch (ZF)
FB3	J/C-RH6P1	FB98	Low Range Switch (ZF)
FB5	Stoplight Switch 2	FB99	Water Separator Switch
FB9	J/C-CAN 6P2	FB129	All Speed Accel Sensor
FB10	Chassis Relay Box	FB149	Frame (Right-Side) GND
FB12	Inter Differential Lock Magnetic Valve	FB150	Frame (Right-Side) GND
	(FVZ)	FB157	Vehicle Speed Sensor (FULLER)
FB18	Frame (Right-Side) GND	FB164	Neutral Switch (FULLER)
FB20	Frame (Right-Side) GND	FB171	Fuel Tank Unit (LH)

FB195	Terminator	J207	Backup Light Switch
H1	Joint between Harnesses Connector	J256	Exhaust Brake Magnetic Valve
H9	Joint between Harnesses Connector	P1	Battery(+)
H10	Joint between Harnesses Connector	P2	Battery (-)
H18	Joint between Harnesses Connector	P3	Battery(+)
H19	Joint between Harnesses Connector	P4	Battery (-)
H28	Joint between Harnesses Connector	P5	Battery (Frame) GND
H29	Joint between Harnesses Connector	P6	Starter
H30	Joint between Harnesses Connector	SBF1	ECM Fuse
H31	Joint between Harnesses Connector	SBF2	STARTER Fuse
H33	Joint between Harnesses Connector	SBF3	<del>_</del>
H34	Joint between Harnesses Connector	SBF4	<del>_</del>
H35	Joint between Harnesses Connector	SBF5	STARTER SW2 Fuse
H36	Joint between Harnesses Connector	SBF6	STARTER SW1 Fuse
H37	Joint between Harnesses Connector	SBF7	<del>-</del>
H38	Joint between Harnesses Connector	SBF8	HEAD LAMP Fuse
H44	Joint between Harnesses Connector	SBF9	<del>_</del>
H59	Joint between Harnesses Connector	SBF10	WIPER & H/AC Fuse
H85	Joint between Harnesses Connector	SBF11	<del>_</del>
H94	Joint between Harnesses Connector	SBF12	CAB JUNCTION BLOCK Fuse
J26	Brake Fluid Level Switch	X17	<del>-</del>
J117	Vehicle Speed Sensor	X18	ECM Main Relay
J119	Neutral Switch	X19	<del>-</del>
J156	Air Low Pressure Switch 1	X20	A/C Compressor Relay
J164	Air Master Stroke Switch 5 (FVR)	X21	<del>-</del>
J165	Air Master Stroke Switch 6 (FVR)	X22	Starter Cut Relay
J193	Air Flow Sensor	X23	<del>-</del>
J194	IAT Sensor	X24	Diode 3

#### 9D-284 Wiring System (RHD model)

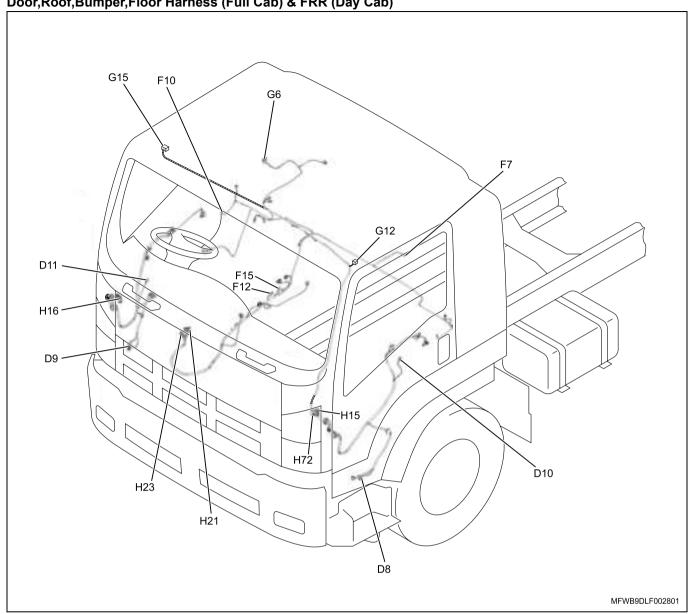
### Frame Rear Harness (Leaf Suspension)



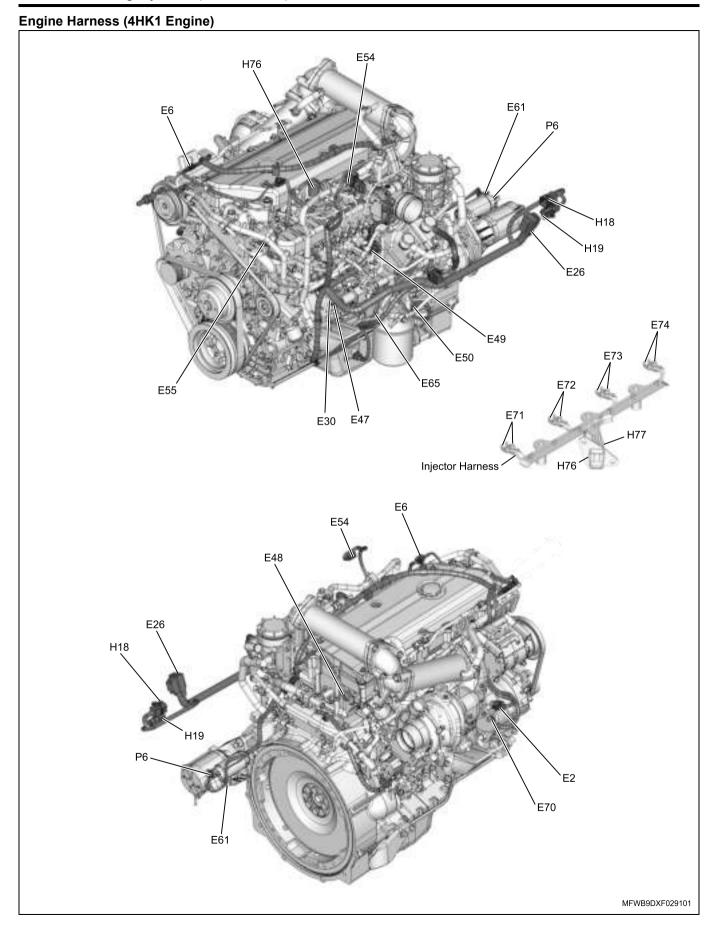
### Legend

H44	Joint between Harnesses Connector	J59	Rear Combination Light (RH)
H164	Joint between Harnesses Connector	J167	Fuel Tank Unit (FRR Rear)
J51	License Plate Light	J201	Tail Spare (LH)
J58	Rear Combination Light (LH)	J202	Tail Spare (LH) GND





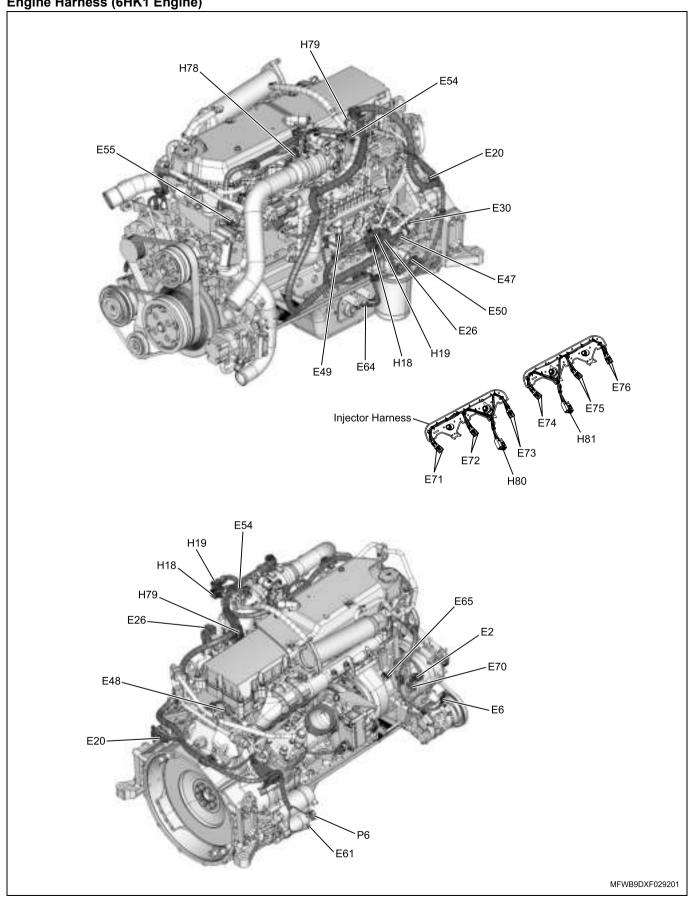
Legend			
D8	Side Turn Signal Light (LH) (E	Door F15	Seat Belt Switch
	Installation)	G6	Dome Light
D9	Side Turn Signal Light (RH) (E	Door G12	Roof-Mounted Clearance Light 1
	Installation)	G15	Roof-Mounted Clearance Light 2
D10	Speaker (LH)	H15	Joint between Harnesses Connector
D11	Speaker (RH)	H16	Joint between Harnesses Connector
F7	Cab Lock Switch	H21	Joint between Harnesses Connector
F10	Front Door Switch (RH)	H23	Joint between Harnesses Connector
F12	Parking Brake Switch	H72	Joint between Harnesses Connector



## Wiring System (RHD model) 9D-287

Legend			
E2	AC Generator (B)	E71	Cylinder Fuel Injector No.1 (Cylinder
E6	A/C Compressor		No.1)
E26	Engine Control Module (ECM)	E72	Cylinder Fuel Injector No.4 (Cylinder
E30	Fuel Temperature (FT) Sensor		No.2)
E47	Fule Rail Pressure (FRP) Regulator	E73	Cylinder Fuel Injector No.2 (Cylinder
E48	Camshaft Position (CMP) Sensor		No.3)
E49	Fule Rail Pressure (FRP) Sensor	E74	Cylinder Fuel Injector No.3 (Cylinder
E50	Crankshaft Position (CKP) Sensor		No.3)
E54	Boost Pressure Sensor	H18	Joint between Harnesses Connector
E55	Engine Coolant Temperature (ECT)	H19	Joint between Harnesses Connector
	Sensor	H76	Joint between Harnesses Connector
E61	Starter	H77	Joint between Harnesses Connector
E65	Oil Pressure Switch	P6	Starter
E70	AC Generator		

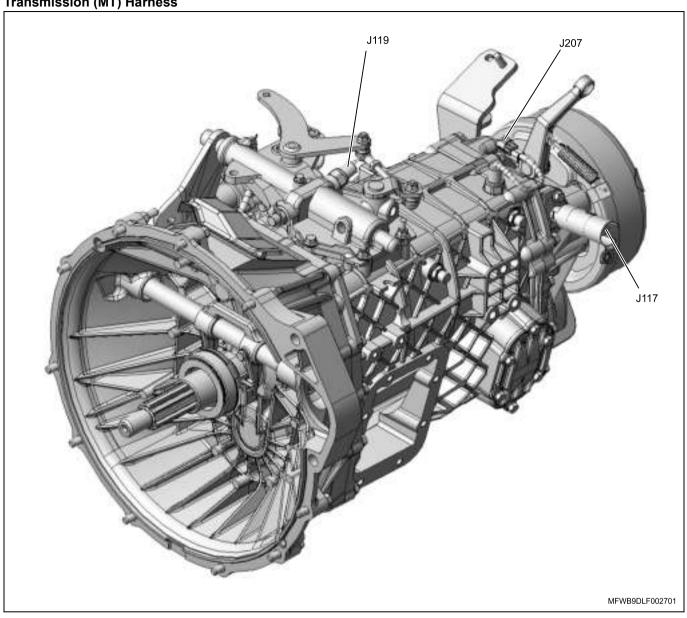
**Engine Harness (6HK1 Engine)** 



## Wiring System (RHD model) 9D-289

Legend			
E2	AC Generator (B)	E72	Cylinder Fuel Injector No.5 (Cylinder
E6	A/C Compressor		No.2)
E20	Engine GND	E73	Cylinder Fuel Injector No.3 (Cylinder
E26	Engine Control Module (ECM)		No.3)
E30	Fuel Temperature (FT) Sensor	E74	Cylinder Fuel Injector No.6 (Cylinder
E47	Fule Rail Pressure (FRP) Regulator		No.4)
E48	Camshaft Position (CMP) Sensor	E75	Cylinder Fuel Injector No.2 (Cylinder
E49	Fule Rail Pressure (FRP) Sensor		No.5)
E50	Crankshaft Position (CKP) Sensor	E76	Cylinder Fuel Injector No.4 (Cylinder
E54	Boost Pressure Sensor		No.6)
E55	Engine Coolant Temperature (ECT)	H18	Joint between Harnesses Connector
	Sensor	H19	Joint between Harnesses Connector
E61	Starter	H78	Joint between Harnesses Connector
E64	Engine Oil Level Switch	H79	Joint between Harnesses Connector
E65	Oil Pressure Switch	H80	Joint between Harnesses Connector
E70	AC Generator	H81	Joint between Harnesses Connector
E71	Cylinder Fuel Injector No.1 (Cylinder	P6	Starter
	No.1)		
	- ,		

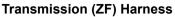
#### **Transmission (MT) Harness**

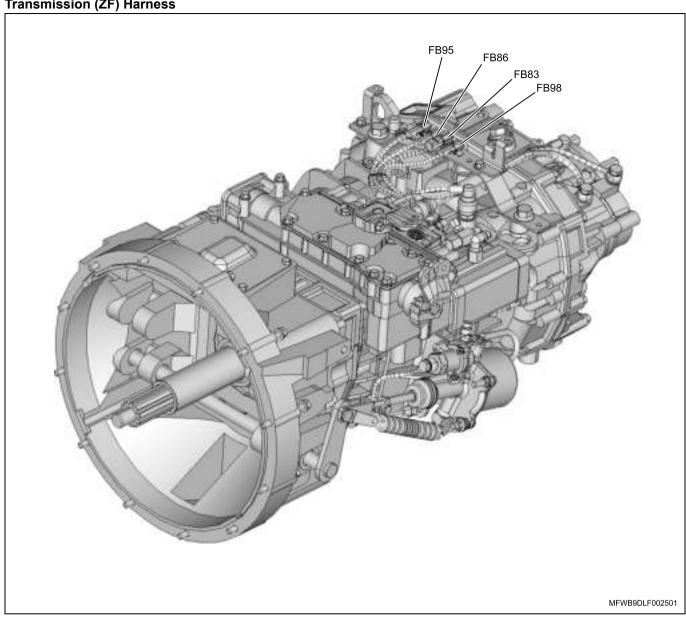


Legend

J117 Vehicle Speed Sensor Neutral Switch J119

Backup Light Switch J207

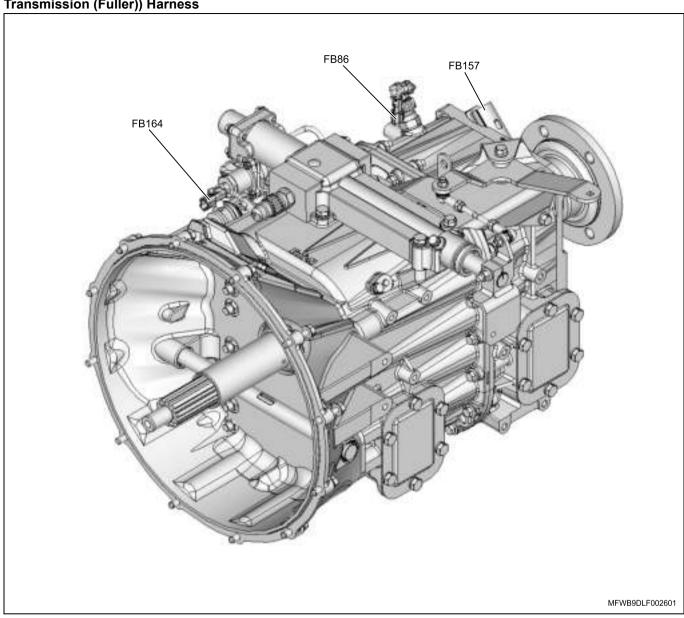




### Legend

FB83 Impulse Sensor **Neutral Switch** FB95 Backup Light Switch Low Range Switch FB86 FB98

#### Transmission (Fuller)) Harness

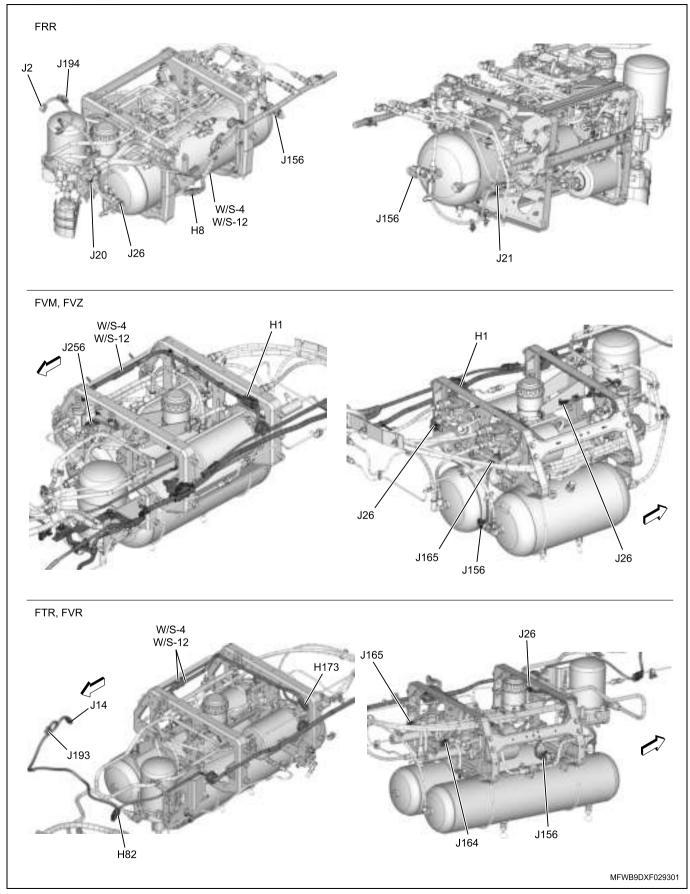


Legend

FB86 Backup Light Switch Vehicle Speed Sensor FB157

**Neutral Switch** FB164

#### **Air Tank Harness**



# 9D-294 Wiring System (RHD model)

Legend			
H1	Joint between Harnesses Connector	J26	Brake Fluid Level Switch
H8	Joint between Harnesses Connector	J156	Air Low Pressure Switch 1
H82	Joint between Harnesses Connector	J164	Air Master Stroke Switch 5
H173	Joint between Harnesses Connector	J165	Air Master Stroke Switch 6
J2	Air Flow Sensor	J193	Air Flow Sensor 3
J14	IAT Sensor	J194	IAT sensor
J20	Air Master Stroke Switch 1	J256	Exhaust Brake Magnetic Valve
J21	Air Master Stroke Switch 2		

## **Connector List**

### **Connector List**

No.	Connector Face	
D2	1 2	002-267
D3	1 2 Gray	002-267
D4	1 2	002-267
D5	1 2 3 4 5 Gray	005-037
D6	1 2 3 4 5 6 Green	006-115
D7	1 2 3 4 5 6 Green	006-115
D8	1 2 Black	002-267

No.	Connector Face	
INO.	Connector Face	
D9	1 2 Black	002-267
D10	1 2 Black	002-270
D11	1 2 Black	002-270
D14	1 2 3 4 5 Gray	005-037
D15	1 2 3 4 5 6 7 8 White	008-077
D16	1 2 Gray	002-267
D17	1 2 Gray	002-267
D18	1 2 White	002-267

No.	Connector Face		No.	Connector Face	
D19	1 2 002-267 White		E9	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 White	016-086
D20	1 2 3 4 5 005-037 White		E10	1 2 3 4 5 6 Black	006-115
D21	1 2 3 4 5 005-037 White		E20		000-049
D22	3 2 1 6 5 4		E26	121   120   119   113   112   111   110   109   108   107   106   105   104   103   102   101   100   99   98	040-010
D23	3 2 1 6 5 4		E30	1 2 Black	002-267
E2	000-049	-	E31		000-049
E3	1 2 3 4 5 6 7 8 White		E45	1 2 3 4 5 6 7 8 Black	008-076
E6	001-084 Black		E46	1 2 3 4 5 6 Gray	006-119

No.	Connector Face
E47	1 2 002-267 White
E48	1 2 3 003-150 Black
E49	1 2 3 003-150 Gray
E50	1 2 3 003-150 Black
E54	1 2 3 003-150 Gray
E55	1 2 002-267 Gray
E61	000-049
E64 (4HK1)	1 2 002-267 Black

No.	Connector Face
E64 (6HK1)	001-084 Black
E65(4H K1)	001-084 White
E65(6H K1)	1 2 002-267 White
E70	1 2 002-267 White
E71	003-125
E72	003-125
E73	003-125
E74	003-125

No.	Connector Face	No.	Connector Face	
E75	003-125	F10	1 White	001-084
E76	003-125	F11	1 White	001-084
F1	1 2 3 4 004-128 White	F12	1 2 3 4 White	004-129
F2	1 2 002-267 Yellow	F13	1 Black	001-084
F3	1 2 002-267 Yellow	F14	1 Black	001-084
F7	1 2 002-267 Black	F15	1 2 3 White	003-156
F8	1 001-084 White	F16	1 2 3 4 5 6 7 8 9 10 11 12 13 14 White	014-026
F9	1 001-084 White	F18	1 2 Gray	002-267

No.	Connector Face	
F20		002-267
	Black	
F21	1 2	002-267
	Gray	***
F22	1 2	202 202
	Gray	002-267
F23	1 2 3 4 5 6 7 8 9 Black	009-012
F29	4 1 5 2 6 3 Blue	006-129
F30	4 1 5 2 6 3 Yellow	006-129
F31	2 1 White	002-271
F32	1 2	002-267
	White	002-207
	1	

No.	Connector Face	
F34	1 2 3 4 5 6	006-115
	White	
F35	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 White	016-084
F60	1 2 3 4 5 6 7 8 White	008-076
F61	1 2 3 4 5 6 7 8 White	008-076
F63	1 2 3 4 5 6 7 8 White	008-076
F66	1 2 3 4 5 6 7 8 White	008-076
FB1	1 2 3  Black	003-150
FB2	1 2 3 Black	003-150

No.	Connector Face		No.	Connector Face
FB3	1 2 3 4 5 6 Black	006-119	FB18	000-049
FB5	1 2 Black	002-267	FB19	000-049
FB8	1 2 3 4 5 6 Black	006-119	FB20	000-049
FB9	1 2 3 4 5 6 Black	006-119	FB21	000-049
FB10	20   22   24     19   21   23	024-028	FB22	000-049
FB13	1 2 Gray	002-267	FB23	000-049
FB16	1 2 3 4 5 6	006-115	FB24	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 5 4 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 3 3 4 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 2 1 2 2 3 2 4 5 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 2 1 0 81-003
FB17	1	000-049	FB30	1 2 002-267 Gray

No.	Connector Face
FB32	1 2 002-267 Gray
FB33	1 2 3 4 5 6 7 8 9 10 White
FB34	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 033-002 White
FB35	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33  White
FB36	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 White
FB37	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 White
FB41	1 2 002-267 Gray
FB44	003-159 Black

No.	Connector Face
FB45	003-159 Black
FB46	1 2 002-267 Gray
FB49	1 2 002-267 Light Gray
FB50	1 2 002-267 Gray
FB53	1 2 002-267 Gray
FB66	1 2 3 003-150
FB67	2 1 002-271 Gray
FB68	2 1 002-271 Gray

No.	Connector Face	No.	Connector Face
FB79	2 1 002-271 Black	FB91	1 2 002-267 Gray
FB80	2 1 002-271 Black	FB92	1 2 002-267 Gray
FB81	2 1 002-271 Black	FB95	1 2 002-267 Gray
FB82	2 1 002-271 Black	FB98	1 2 002-267 Gray
FB83	1 2 3 4 004-129	FB99	1 2 002-267 Gray
FB86	1 2 002-267 Gray	FB101	1 2 3 003-152 Black
FB87	1 2 002-267 Gray	FB104	007-018 White
FB90	1 2 3 003-152 Black	FB109	1 2 002-267 Gray

003-150

000-049

000-049

002-267

003-150

003-150

No.	Connector Face	No.	Connector Face
FB110	1 2 002-267 Gray	FB128	1 2 3 4 5 Black
FB112	1 2 002-267 Gray	FB129	1 2 3  Gray
FB116	1 2 002-267 Blue	FB149	
FB119	1 2 3 4 004-128 White	FB150	
FB120	1 2 3 4 004-128 White	FB154	1 2
FB121	1 2 3 4 004-128 White	FB156 (FSS)	1 2 3 Light Gray
FB122	1 2 3 4 004-128  White	FB156 (Fuller)	1 2 3  Gray
FB123	1 2 3 4 004-128 White	FB157	1 2 3  Dark Gray

No.	Connector Face	No.	Connector Face
FB160	1 2 002-267 Black	FB193	1 2 002-267 Blue
FB163	1 2 002-267 Black	FB195	1 2 002-267 Black
FB164	1 2 002-267 Gray	FB196	1 2 002-267 Black
FB165	1 2 002-267 Gray	FL1	1 2 3 4 5 6
FB167	13 2 1  9 8 7 6 5  15 14 3 2 1 10  22 27 26 5 24 23  33 33 30 9  37 36 33 4    037-003	FL3	1 2 002-267 Yellow
FB171	1 2 3 003-150 Black	FL4	1 2 3 4 Yellow
FB171 (Euro2 FTS)	2 1 002-271 Gray	FL7	1 2 002-267 White
FB171 (Fuel Tank 400L)	1 2 002-267 Gray	FL8	1 2 3 4 5 6 7 8 9 009-021

000-049

000-049

000-049

000-049

006-115

No.	Connector Face	No.	Connector Face
FL9	1     2     3     4       5     6     7     8     9     10	FL19	1     2     3     4     5     6     7     8     9       10     11     12     13     14     15     16     17     18
	White		White
FL10	1     2     3     4     5     6     7     8     9     10     11     12       13     14     15     16     17     18     19     20     21     22     23     24	FL23	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
	White		White
FL11	1 2 002-267 White	FL24	1
FL12	1 2 3 4 5 6 White	FL25	
FL13	1 2 3 4 5 6 White	FL26	1
FL16	1 2 002-272 White	FL27	
FL17	001-084 White	FL28	1 2 3 4 5 6 White
FL18	001-084	FL33	1 2 3
	Black		White

No.	Connector Face	No.	Connector Face	
FL34	1 2 3 4 5 6 7 8 9 10 11 12 White	FL63	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Black	018-024
FL48	1 2 3 4 5 6 7 8 9 10 11 12 13 14 014-026	FL64	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Red	018-024
FL51	1 2 3 4 5 6 7 8 9 10 010-062 Green	FL65	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Brown	018-024
FL52	1 2 3 003-150	FL66	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Blue	018-024
FL53	002-269 Blue	FL67	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Orange	018-024
FL60	1       2       3       4       5       6         7       8       9       10       11       12       13       14       15       16       17         18       19       20       21       22       23       24       25       26       27       28         Yellow	FL73	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 White	016-084
FL61	1 2 3 4 5 6 White	FL74	1 2 3 4 5 6 Black	006-115
FL62	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 White	FL75	1 2 3 4 5 6 Black	006-115

013-010

022-032

018-023

008-076

006-115

006-115

No.	Connector Face		No.	Connector Face
FL79	2 1 Yellow	271	FL97	1 2 00 White
FL81	1 2 3 4 004 White	128	FL101	1 2 3 4 5 6 7 8 9 10 11 12 13
FL83	1 2 3 4 004 White	-128	FL103	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 White
FL84	1 2 3 4 004 White	.128	FL105	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Green
FL85	1 2 3 4 004 White	128	FL106	1 2 3 4 5 6 7 8 White
FL86	1 2 3 4 004 White	.128	FL108	1 2 3 4 5 6
FL87	1 2 3 4 5 6 7 8 9 10 Black	-062	FL112	1 2 3 4 5 6 Black
FL96	1 001 White	-084	FL115	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 White

No.	Connector Face		No.	Connector Face
FL117	1 2 3 4 White	004-128	FU3	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 018-025
FL118	1 2 3 4 White	004-128	FU4	1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31   32   33   34   35   36   37   38   39   40   20   30   30   30   30   30   30   3
FL119	1 2 3 4 White	004-128	FU5	1 2 3 4 004-128 Black
FL120	1 2 3 4 White	004-128	FU6	1 2 3 4 White
FL131	1 2 White	002-272	FU9	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30  Green
FL133	1 2 3 4 5 6 7 8 White	008-091	FU10	1 2 3 4 5 6 7 8 9 10 010-062
FU1	1 2 3 4 5 6 7  Black	007-016	FU11	1 2 3 4 5 6 7 8 9 10 11 12 White
FU2	1 2 3 4 5 6 7 8 9 10 11 12 13 14 16 17 18	018-026	FU12	1 2 3 4 5 6 7 8 9 10 11 12 13 White

002-267

026-019

010-062

006-115

No.	Connector Face		No.	Connector Face
FU13	1 2 3 4 5 6 7 8 9 10	010-061	FU23	16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
FU14	1 2 3 4 5 6 7 8 9 10 11 12 13 14 White	014-026	FU24	1 2 002-26; Gray
FU15	1 2 3 4 5 6 7 8 9 10 11 White	011-004	FU25	1 2 002-267 Gray
FU16	1 2 3 White	003-150	FU27	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 White
FU19	1 2 3 4 White	004-128	FU28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 White
FU20	1 2 3 4 White	004-128	FU29	1 2 3 4 5 6 7 8 008-07
FU21	1 2 3 4 White	004-128	FU30	1 2 3 4 5 6 7 8 9 10 010-06
FU22	1 2 3 4  White	004-128	FU31	1 2 3 4 5 6 White

No.	Connector Face	No.	Connector Face
FU32	1 2 3 003-150 Orange	FU47	1 2 3 4 5 6 7 8 9 10 White
FU33	003-150 Orange	FU48	1 2 3 4 5 6 7 8 9 10 White
FU34	1 2 3 003-150 White	FU49	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 White
FU37	1 2 002-268 Black	FU50	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 White
FU41	1 2 002-268 Black	FU51	000-049
FU44	1 2 002-268 Black	FU52	000-049
FU45	4 3 2 1 8 7 6 5 008-085 White	FU53	000-049
FU46	1 2 002-267 Brown	FU54	000-049

002-267

006-115

008-082

003-152

003-152

002-267

No.	Connector Face	No.	Connector Face
FU55	000-049	FU64	1 2 Gray
FU56	000-049	FU67	1 2
FU57	004-136 White	FU68	1 2 3 4 5 6
FU58	004-136 White	FU69	1 2 3 4 5 6 7 8 Black
FU60	1 2 002-267 White	FU70	1 2 3 Gray
FU61	1 2 002-267 Gray	FU71	1 2 3 Gray
FU62	1 2 002-267 Black	FU72	1 2 Black
FU63	1 2 002-267 Gray	FU73	1 2 Black

No.	Connector Face	No.	Connector Face
FU74	1 2 3 003-151 Black	FU87	1 2 3 4 004-128 White
FU75	1 2 3 003-151 Black	FU92	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 022-032 White
FU76	1 2 002-267 Gray	FU93	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 022-032 White
FU77	1 2 002-267 Gray	FU94	1 2 3 4 5 6 006-119 Gray
FU80	1 2 3 4 5 6 Gray	FU95	2 1 002-271 Black
FU81	001-084 White	FU97	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 040-008
FU82	1 001-084 White	FU98	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 040-008
FU83	1 2 002-267 White	FU99	1 2 002-267 Black

No.	Connector Face
FU100	1 2 3 4 5 6 7  White
	Ville
FU105	1     2     3     4     5     6     7       8     9     10     11     12     13     14     15       16     17     18     19     20     21     22   022-035
	White
FU106	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
	White
FU107	1     2     3     4     5     6     7       8     9     10     11     12     13     14     15     16       17     18     19     20     21     22     23     24
	White
FU108	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 031-008 White
FU111	1 2
	002-267 Black
FU114	1 2 3
	003-150 White
	vviille
FU115	1
	001-084 White

No.	Connector Face				
FU116	1 2 Green	002-272			
FU117	1 White	001-084			
FU118	1 2 3 4 5	005-044			
FU119	1 2 3 4 5 6 7 8 9 10 Black	010-066			
FU120	1 2 2 3 4 4 5 6 7 8 9 10 Black	010-066			
FU121	1 2 3 4 4 5 6 7 8 9 10 Black	010-066			
FU122	1 2 2 3 4 4 5 6 7 8 9 10 Black	010-066			
FU123	1 2 3 4 5 6 7 White	007-017			

No.	Connector Face	No.	Connector Face
FU124	1 2 3 003-150 Brown	FU132	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18  Red
FU125	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Gray	FU133	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Brown
FU126	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 018-024	FU134	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Green
FU127	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Green	FU135	1 2 3 4 5 6
FU128	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Orange	FU136	1 2 3 4 5 6
FU129	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 White	FU137	1 2 3 4 5 6 7 8 9 10 Green
FU130	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 018-024	FU138	1 2 3 4 5 6 7 8 White
FU131	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Gray	FU139	1 2 3 4 5 6 7 8 9 10 Brown

018-024

018-024

006-115

006-116

010-062

008-078

No.	Connector Face	
FU140	1 2 3 4 5 6	006-115
FU141	1 2 3 4 5 6 Blue	006-115
FU142	1 2 3 4 5 6 7 8 9 10 Blue	010-062
FU143	1 2 3 4 5 6 7 8 9 10 Brown	010-062
FU145	1 2 3 4 5 6 7 8 9 10 Green	010-062
FU146	1 2 3 4 5 6 7 8 9 10 Green	010-062
FU147	1 2 3 4 5 Black	005-037
FU148	1 2 3 4 5 6 7 8 9 10	010-062

No.	Connector Face			
FU149	1 2 3 4	004-129		
	Blue			
FU150	1 2 3 4	004-129		
FU151	1 2 3 4 5 6 7 8 9 10 Blue	010-062		
FU152	1 2 3 4 5 6 7 8 9 10 Blue	010-062		
FU153	1 2 3 4 5 6 7 8 9 10 White	010-062		
FU154	1 2 3 4 5 6 7 8 9 10 Brown	010-062		
FU158	1 2 3 4 5 6	006-115		
FU159	1 2 Black	002-267		

No.	Connector Face	No.	Connector Face
FU160	1 2 3 4 5 6 Blue	FU173 (AT)	1 2 3 4 5 6 7 8 White
FU162	1 2 3 4 5 6 7 8 9 10 White	FU174	1 2 3 4 004-128 White
FU163	20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 60 59 58 57 56 55 54 53 52 51 60 49 48 47 46 45 44 43 42 41 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 080-005  Black	FU175	1 2 002-267 White
FU166	1 2 3 4 5 005-037 Black	FU176	1 2 3 4 004-128 White
FU168	1 2 002-267 Gray	FU177	1 2 3 4 White
FU170	1 2 002-267 Gray	FU178	1 2 3 4 White
FU172	1 2 002-267 White	FU179	1 2 002-272 White
FU173 (MT)	1 2 3 4 5 6 7 8 9 10 11 12 012-078	FU182	1 2 002-268 White

No.	Connector Face	No.	
FU183	1 2 002-268 Black	FU198	
FU185	1 2 3 4 004-128 White	FU200	
FU188	2 1 002-271 Green	FU208	
FU192	1 2 002-267 White	FU211	
FU193	1 2 002-267 White	FU224	
FU194	1 2 3 4 004-128 White	FU225	
FU195	1 2 3 4 004-128 White	FU257	
FU196	1 2 3 4 5 6 White	G3	

No.	Connector Face	
FU198	1     2     3     4     5     6     7       8     9     10     11     12     13     14     15     16	016-094
	White	
FU200	1 2	002-272
	Blue	
FU208	1     2     3     4       5     6     7     8     9     10	010-062
	Brown	010 002
FU211	1 2 3 4 5 6 7 8 9 10 Black	010-062
FU224	1 2 3 4 White	004-128
FU225	1 2 3 4 5 6 7 8 White	008-077
FU257	1 2 3 4 5 6 7 8 9 10 11 12 White	012-078
G3	1 2 White	002-267

No.	Connector Face	No.	Connector Face
G4	1 2 3 4 004-128 White	Н1	4 3 2 1 8 7 6 5 12 11 10 9 012-076
G5	1 2 3 4 004-128 White	H1	1 2 3 4 5 6 7 8 9 10 11 12 Gray
G6	1 2 3 White	H2	4 3 2 1 8 7 6 5 Gray
G7	1 2 3 White	H2	1 2 3 4 5 6 7 8 O08-076
G8	1 2 3 4 004-128 White	НЗ	4 3 2 1 8 7 6 5 Brown
G9	1 2 3 4 004-128 White	НЗ	1 2 3 4 5 6 7 8 Brown
G12	2 1 002-271 White	H4	2 1 4 3 004-132 Gray
G15	2 1 002-271 White	H4	1 2 3 4 004-129 Gray

No.	Connector Face	
H5	4 3 2 1 8 7 6 5	008-079
	Gray	
H5	1 2 3 4 5 6 7 8	008-076
	Gray	
Н8	3 2 1 6 5 4	006-117
	Black	
H8	1 2 3 4 5 6	006-115
	Black	
H9		001-084
	Gray	
H9	1	
	Gray	001-084
H10	4 3 2 1 8 7 6 5	008-079
	Gray	
H10	1 2 3 4 5 6 7 8 Gray	008-076

No.	Connector Face	
H11	4 3 2 1 8 7 6 5 12 11 10 9	012-076
	Gray	
H11	1 2 3 4 5 6 7 8 9 10 11 12 Gray	012-075
H12	4 3 2 1 8 7 6 5 12 11 10 9 Gray	012-076
H12	1 2 3 4 5 6 7 8 9 10 11 12 Gray	012-075
H13	4 3 2 1 10 9 8 7 6 5 16 15 14 13 12 11	016-089
	Black	
H13	1     2     3     4       5     6     7     8     9     10       11     12     13     14     15     16	016-085
	Black	
H14	4 3 2 1 10 9 8 7 6 5 16 15 14 13 12 11 White	016-089
H14	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 White	016-085

No.	Connector Face		No.	Connector Face
H15	2 1 6 5 4 3	18	H21	10 9 8 7 6 5 4 3 2 1 22 21 20 19 18 17 16 15 14 13 12 11 022-036
H15	1 2 3 4 5 6	16	H21	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 022-033 Blue
H16	4 3 2 1 10 9 8 7 6 5	64	H22	9 8 7 6 5 4 3 2 1 20 19 18 17 16 15 14 13 12 11 10 020-046 Black
H16	1 2 3 4 5 6 7 8 9 10 Green	62	H22	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 020-045
H18	3   2   1	29	H23	4 3 2 1 10 9 8 7 6 5 White
H18	1 2 3 4 5 6 7 8 9 10 11 12 13 14 Gray	28	H23	1 2 3 4 5 6 7 8 9 10 010-062 White
H19	2 1 002- Gray	71	H24	4 3 2 1 Yellow
H19	1 2 002-	67	H24	1 2 3 4 Yellow

No.	Connector Face	No
H25	4 3 2 1 004-131 Black	H2
H25	1 2 3 4 004-128 Black	H2
H26	3 2 1 6 5 4 006-117 Gray	Н3
H26	1 2 3 4 5 6 Gray	Н3
H27	3 2 1 6 5 4  Gray	Н3
H27	1 2 3 4 5 6 006-115  Gray	Н3
H28	9 8 7 6 5 4 3 2 1 20 19 18 17 16 15 14 13 12 11 10 020-046 Orange	Н3
H28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  Orange	Н3

No.	Connector Face					
	3 2 1					
H29	9 8 7 6 5 4					
	15   14   13   12   11   10					
	015-008 Black					
	2.dok					
	1 2 3					
H29	4 5 6 7 8 9					
1120	10 11 12 13 14 15					
	015-009					
	Black					
1120	10 9 8 7 6 5 4 3 2 1					
H30	22 21 20 19 18 17 16 15 14 13 12 11					
	022-036					
	Black					
	1 2 3 4 5 6 7 8 9 10					
H30	11   12   13   14   15   16   17   18   19   20   21   22					
	022-033					
	Black					
	4 3 2 1					
H31	10 9 8 7 6 5 16 15 14 13 12 11					
	016-089					
	Gray					
	1 2 3 4					
H31	5 6 7 8 9 10					
	11   12   13   14   15   16   016-085					
	Gray					
	4 3 2 1					
H32	10 9 8 7 6 5					
	16   15   14   13   12   11   016-089					
	Blue					
	1 2 3 4					
H32	5 6 7 8 9 10					
	11 12 13 14 15 16					
	016-085 Blue					
	Diuc					

No.	Connector Face	No.	Connector Face
H33	6 5 4 3 2 1 14 13 12 11 10 9 8 7	H37	4 3 2 1 White
H33	1 2 3 4 5 6 7 8 9 10 11 12 13 14 014-026	H37	1 2 3 4 004-128 White
H34	9 8 7 6 5 4 3 2 1 20 19 18 17 16 15 14 13 12 11 10 020-046 Blue	H38	10 9 8 7 6 5 4 3 2 1 22 21 20 19 18 17 16 15 14 13 12 11 022-036 White
H34	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 020-045 Blue	H38	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 022-033 White
H35	2 1 6 5 4 3 006-118 White	H40	2 1 4 3 Gray
H35	1 2 3 4 5 6 White	H40	1 2 3 4
H36	2 1 002-271 Blue	H41	2 1 002-27
H36	1 2 002-267 Blue	H41	1 2 002-265 Light Gray

No.	Connector Face	
H42 (Full Cab)	2 1 Gray	002-271
H42 (Full Cab)	1 2 Gray	002-267
H42 (Crew Cab)	2 1 3 Gray	003-155
H42 (Crew Cab)	1 2 3 Gray	003-152
H43	1 Gray	001-084
H43	1 Gray	001-084
H44	4 3 2 1 8 7 6 5 12 11 10 9 16 15 14 13 Gray	016-090
H44	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 Gray	016-086

No.	Connector Face
H45	4 3 2 1 8 7 6 5
	Gray
H45	1 2 3 4 5 6 7 8
	Gray
H47	4 3 2 1 8 7 6 5 12 11 10 9 16 15 14 13 016-090
H47	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  Black
H48	3 2 1 7 6 5 4 10 9 8 14 13 12 11 014-029
H48	1 2 3 4 5 6 7 8 9 10 11 12 13 14 014-028
H56	4 3 2 1 8 7 6 5 12 11 10 9 16 15 14 13 016-090
H56	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 016-086

No.	Connector Face	No.	Connector Face
H57	4 3 2 1 8 7 6 5 12 11 10 9	H64	10 9 8 7 6 5 4 3 2 1 22 21 20 19 18 17 16 15 14 13 12 11 022-036 White
H57	1 2 3 4 5 6 7 8 9 10 11 12 012-075	H64	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 White
H59	4 3 2 1 8 7 6 5 Gray	H65	2 1 002-271 White
H59	1 2 3 4 5 6 7 8 O08-076	H65	1 2 002-267 White
H63	2 1 002-271 Gray	H66	3 2 1 6 5 4
H63	1 2 002-267 Gray	H66	1 2 3 4 5 6 Gray
H63 (Fuel Tank 400L)	1 2 3 003-150 Black	H67	3 2 1 6 5 4 O06-117
H63 (Fuel Tank 400L)	3 2 1 003-154  Black	H67	1 2 3 4 5 6 Gray

No.	Connector Face				
H68	4     3     2     1       10     9     8     7     6     5	010-064			
	Black				
H68	1 2 3 4 5 6 7 8 9 10	010-062			
	Black				
H69	2 1	002-271			
	Whiteí				
H69	1 2	002-267			
	White				
H72	3 2 1 8 7 6 5 4 White	008-080			
H72	1 2 3 4 5 6 7 8 White	008-077			
H73	3 2 1 6 5 4	006-117			
H73	1 2 3 4 5 6 Black	006-115			

No.	Connector Face	
H74	3 2 1 6 5 4	006-117
	Black	
H74	1 2 3 4 5 6	006-115
H76	4 3 2 1 8 7 6 5	008-079
	Gray	
H76	1 2 3 4 5 6 7 8	008-076
H77	8 7 6 5 4 3 2 1	008-088
H77	5 6 7 8 1 2 3 4	008-087
	,	
H78	4 3 2 1 8 7 6 5	008-079
	Black	
H78	1 2 3 4 5 6 7 8	008-076

No.	Connector Face	No.	Connector Face
H79	4 3 2 1 8 7 6 5 008-079	H85	2 1 4 3 004-132 Gray
H79	1 2 3 4 5 6 7 8 O08-076	H85	1 2 3 4 004-129 Gray
H80	8 7 6 5 4 3 2 1 008-088  Gray	H90	1 2 3 003-150 White
H80	5 6 7 8 1 2 3 4 Gray	H90	3 2 1 003-154 White
H81	8 7 6 5 4 3 2 1 Gray	H97	4 3 2 1 8 7 6 5 Gray
H81	5 6 7 8 1 2 3 4 O08-087	H97	1 2 3 4 5 6 7 8 008-076 White
H82	4 3 2 1 8 7 6 5 Gray	H98	4 3 2 1 8 7 6 5 Gray
H82	1 2 3 4 5 6 7 8 O08-076	H98	1 2 3 4 5 6 7 8 008-076

No.	Connector Face	
H99	3     2     1       9     8     7     6     5     4       15     14     13     12     11     10	015-008
	Orange	
H99	1     2     3       4     5     6     7     8     9       10     11     12     13     14     15	015-009
	Orange	
H103	1 2 3	003-150
	Green	
H103	3 2 1	003-154
	Green	
H104	4 3 2 1 8 7 6 5	008-079
	Gray	
H104	1 2 3 4 5 6 7 8	008-076
	Gray	
H105	2 1 4 3 Gray	004-132
H105	1 2 3 4 Gray	004-129

No.	Connector Face	
H106	5 4 3 2 1 10 9 8 7 6 White	-067
H106	1 2 3 4 5 6 7 8 9 10 White	-061
H107	3 2 1 8 7 6 5 4	-080
H107	1 2 3 4 5 6 7 8 White	-077
H135	1 2 002: Gray	-267
H135	2 1	-271
H141	3 2 1 6 5 4	-117
H141	1 2 3 4 5 6 Black	-115

No.	Connector Face	No.	Connector Face
J1	1 2 002-267 Gray	J21	1 2 002-267 Gray
J2	1 2 002-267 Blue	J26	1 2 002-26; Black
J3	002-273 Black	J27	1 2 002-263 Black
J6	1 2 002-267 Gray	J28	1 2 002-265 Black
J7	1 2 3 4 5 6 7 8 9 10 11 12 2 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 30 034-006 Black	J29	1 2 3 4 5 6 7 8
J8	1 2 002-267 Gray	J30	1 2 3 4 5 6 7 8
J14	1 2 3 4 5 005-037	J31	1 2 002-267 Dark Gray
J20	1 2 002-267 Gray	J32	1 2 002-265 Dark Gray

No.	Connector Face
J33	1 2 002-267 Gray
J34	1 2 002-267 Gray
J35	1 2 3 003-152 Gray
J36	1 2 3 003-152 Gray
J39	1 2 3 003-151 Black
J40	1 2 3 003-151 Black
J43	1 2 002-267 Black
J44	1 2 002-267 Black

No.	Connector Face	
J46	1 2 3	003-150
	Black	
J49	1 2 3 4 5 6 7 8 Light Gray	008-076
J50	1 2 3 4 5 6 7 8 Light Gray	008-076
J51	1 2 Black	002-267
J52	Black	003-159
J53	Black	003-159
J54	Black	004-138
J55	1 2 3 4	004-129

No.	Connector Face	No.	Connector Face
J57	1 2 3 4 5 6 006-119	J68	2 1 002-271 Black
J58	3 2 1 6 5 4 006-117	J70	2 1 4 3 004-132
J59	3 2 1 6 5 4 006-117	J75	1 2 002-267 Black
J61	1 2 3 003-150 Black	J76	1 2 002-267 Gray
J62	1 2 3 003-150 Black	J78	1 2 002-267 Gray
J64	1 2 3 003-150	J84	000-049
J65	1 2 3 003-150 Black	J85	000-049
J66	2 1 002-271 Brown	J86	1 2 3 4 5 6 7 8 O08-076

002-267

002-267

003-152

003-152

003-150

003-150

002-267

002-267

No.	Connector Face	No.	Connector Face
J87	001-084 White	J96	1 2 Black
J88	001-084 White	J97	1 2 Black
J89	1 2 3 003-150 Black	J98	1 2 3 Black
J90	1 2 3 003-150 Black	J99	1 2 3 Black
J91	1 2 002-267 Gray	J107	1 2 3  Brown
J92	1 2 002-267 Gray	J108	1 2 3  Brown
J93	1 2 002-267 Gray	J109	1 2  Dark Gray
J94	1 2 002-267 Gray	J110	1 2  Dark Gray

No.	Connector Face		No.	Connector Face	
J113		4-129	J138	1 2 3 4 5 6	006-119
	Dark Gray			Black	
J114	1 2		J154	1 2	
	Green	2-267		Gray	002-267
J115	1 2	2-267	J156	1 2	002-267
	Gray			Gray	
J116	1 2		J158	1 2	
	oo Black	2-267		Gray	002-267
J117	1 2 3	3-150	J160	1 2	002-267
	Light Gray			Gray	
J118	1 2	2-267	J162	1 2	002-267
	Black			Gray	
J119	1 2	2-267	J164	1 2	002-267
	Black			Black	
J129	1 2 3 4 5 6	6-119	J165	1 2	002-267
	Black	0-119		Black	002-20

001-084

001-084

002-267

006-119

002-267

002-267

002-267

000-049

No.	Connector Face	No.	Connector Face
J166	1 2 002-267 Gray	J203	1 White
J167	1 2 3 003-150	J204	1 White
J180	1 2 002-267 Black	J207	1 2 Black
J193	1 2 002-267 Blue	J211	1 2 3 4 5 6  Black
J194	1 2 002-267 Black	J226	1 2 Black
J195	1 2 3 4 5 6 7 8 008-076	J227	1 2 Black
J201	1 001-084 White	J256	1 2
J202	1 001-084 White	P1	

No.	Connector Face	No.	Connector Face
P2	000-049	X4	1 2 3 4 5 005-039 White
P3	000-049	X6	1 2 3 4 5 005-039 White
P4	000-049	X7	1 2 3 4 5 005-039 White
P5	000-049	X8	1 2 3 4 5 005-039 White
P6	000-049	Х9	1 2 3 4 5 005-039 White
X1	3   1   4   2   5   005-041   White	X10	1 2 3 4 5 005-039 White
X2	3   1   4   2   5   005-041   White	X11	1 2 3 4 5 005-039 White
Х3	3   1   4   2   5   005-041   White	X12	1 2 3 4 5 005-039 White

No.	Connector Face	
X13	1 2 3 4 5 White	005-039
X14	1 2 3 4 5 White	005-039
X15	1 2 3 4 5 White	005-039
X16	1 2 3 4 5 White	005-039
X17	4	005-040
X18	1 2 2 3 5 Dark Gray	005-040
X19	1 2 3 5 Dark Gray	005-040
X20	3 1 1 4 2 5 Dark Gray	005-041

No.	Connector Face
X21	1 2 3 4 5 005-039 Dark Gray
X22	1 2 3 4 5 005-039 Dark Gray
X24	1 2 3 4  004-140  Dark Gray
X25	1 2 3 4  004-140  Drak Gray

MEMO

Published: May, 2011 Second Edition All rights reserved.

## **ISUZU**

F&G SERIES
WORKSHOP MANUAL
WIRING DIAGRAM
(RHD model)

Issued by ISUZU MOTORS LIMITED E-Solutions & Service Marketing Dept. Shinagawa-ku, Tokyo, 140-8722 Japan

0-XXXKI