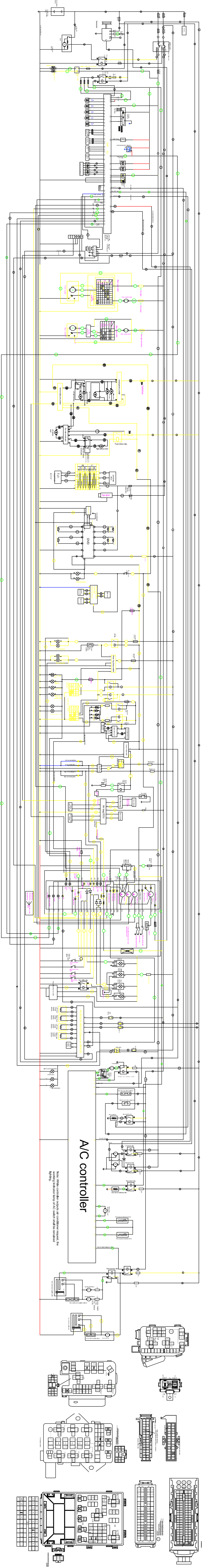
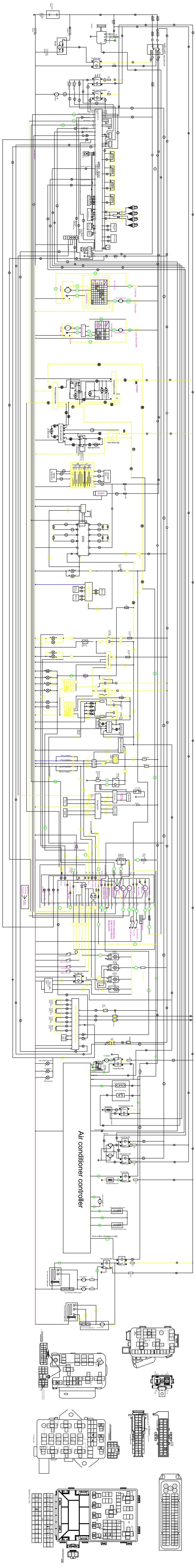




H2L

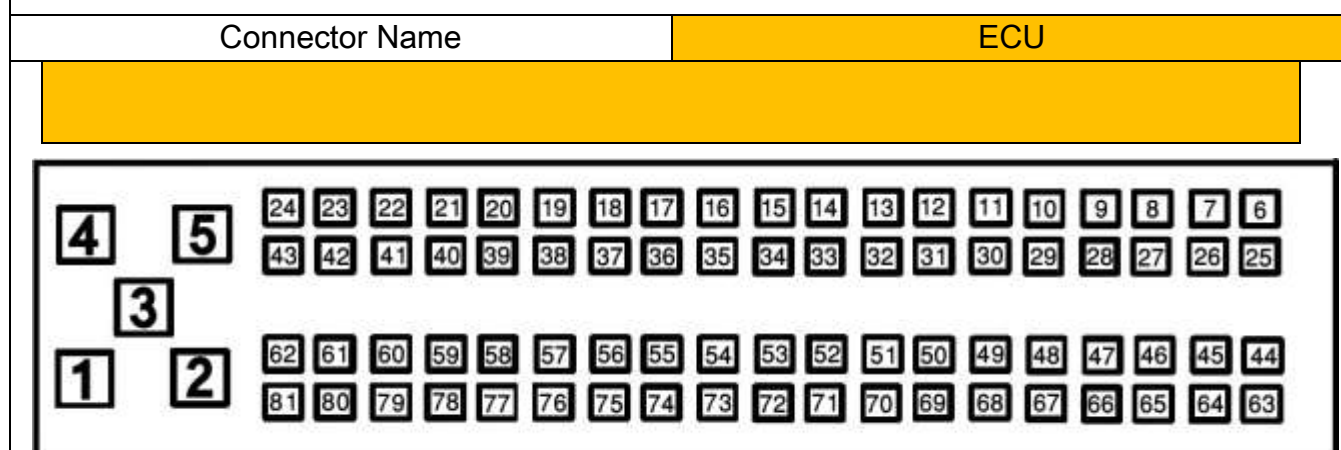
- **Wiring diagram**

H2LWD2H/1/2



H2L-4RB2-MT-E5

Connector View



Pin Definition

Pin Number	Wire Size/Color	Function
1		
2	G	IGNITION COIL(CYL.3)
3	B	IGNITION GROUND
4		
5	B/L	IGNITION COIL(CYL.1)
6	V	INJECTOR4(CYL.2)
7	L/O	INJECTOR4(CYL.3)
8	B	ENGINE SPEED OUTPUT
9	Y/G	COOLING WATER TEMP. OUTPUT
10		
11	G	SERVICE VEHICLE SOON
12	R	CONTINOUS SUPPLY VOLTAGE
13	R/L	IGNITION SWITCH
14	G/W	MAIN RELAY
15	Y	ENGINE SPEED SENSOR A
16	V/Gr	ACCELERATOR PEDAL SENSOR
17	G/V	SENSOR GROUND 1
18	V/G	LAMBDA SENSOR UPSTREAM
19	W	KNOCK SENSOR A
20	B	KNOCK SENSOR B
21	G/W	BRAKE LIGHT
22		
23		
24		
25		
26		
27	Br	INJECTOR 1(CYL.1)
28	B/W	LAMBDA SENSOR HEATING DOWNSTREAM
29		
30		
31	Gr	MIL FUNCTION INDICATOR LIGHT
32	R/G	REGULATED SENSOR SUPPLY 2
33	Y/W	REGULATED SENSOR SUPPLY 1

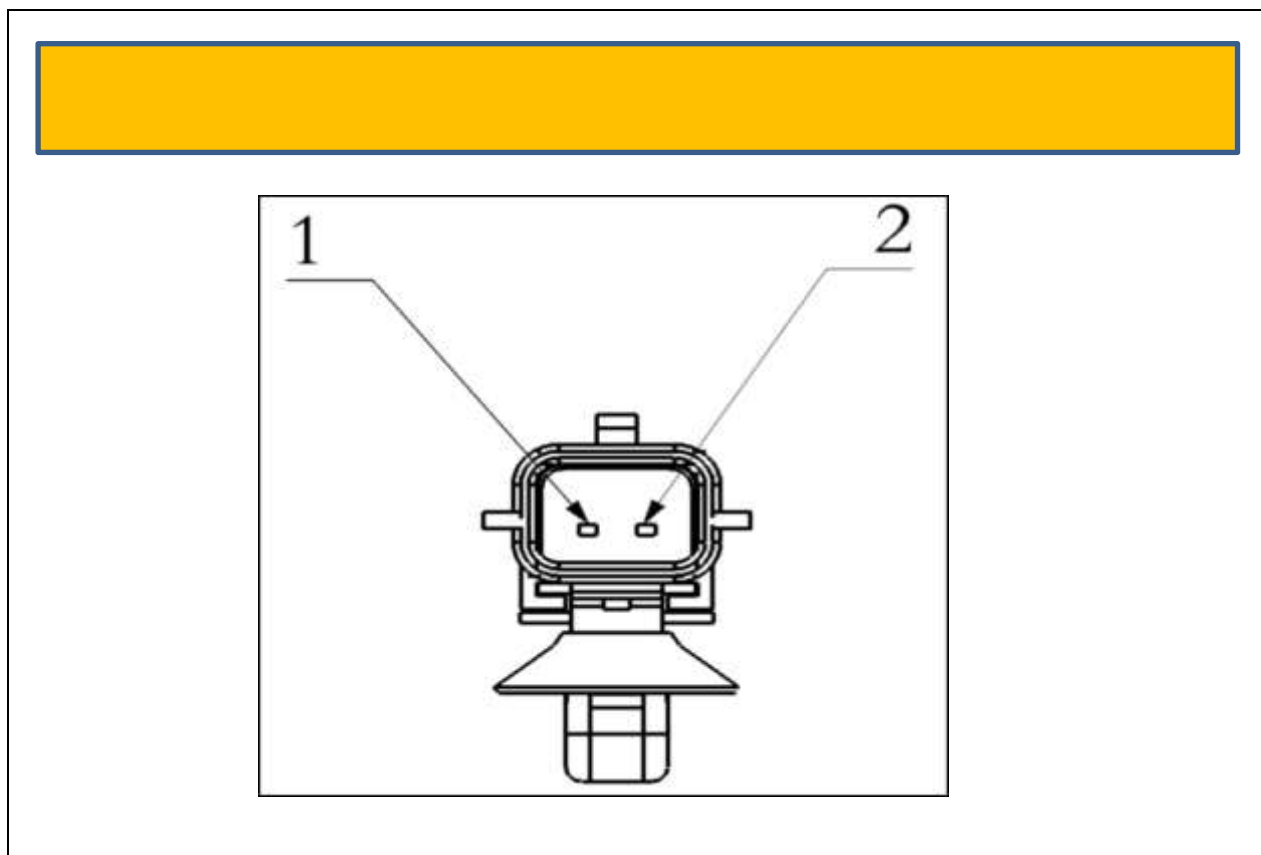


Pin Number	Wire Size/Color	Function
34	L	ENGINE SPEED SENSOR B
35	V/G	SENSOR GROUND 3
36	Y/G	SENSOR GROUND 2
37	L/Y	INTAKE PRESSURE SENSOR
38	W	THROTTLE POSITION SENSOR 2
39	G/R	ENGINE COOLANT TEMP SENSOR
40	R/Y	ACCELERATOR PEDAL SENSOR
41		
42	Br/R	INTAKE AIR TEMPERATURE SENSOR
43		
44	W/L	SWITCHED BATTERY VOLTAGE
45	W/L	SWITCHED BATTERY VOLTAGE
46	Gr/Br	CANISTER PURGE VALVE
47	V/G	INJECTOR 3(CYL.4)
48	B/G	LAMBDA SENSOR HEATING UPSTREAM
49		
50	R/W	FAN 1 RELAY
51	W/B	ELECTRONIC GROUND 2
52		
53	W/B	ELECTRONIC GROUND 1
54	Y	THROTTLE POSITION SENSOR 1
55	Br/W	LAMBDA SENSOR DOWNSTREAM
56		
57		
58	G/Y	BRAKE SWITCH
59	V/Gr	VEHICLE SPEED SIGNAL
60	B/W	AC MIDDLE COMPRESSOR SWITCH
61	B	OUTPUT GROUND1
62		
63	W/L	SWITCHED BATTERY VOLTAGE
64	Y/G	THROTTLE ACTUATOR
65	Y/G	THROTTLE ACTUATOR
66	Br	THROTTLE ACTUATOR
67	Br	THROTTLE ACTUATOR
68	R/B	FAN 2 RELAY
69	B/G	FUEL PUMP RELAY
70	B/W	AC COMPRESSOR RELAY
71	V/Gr	DIAGNOSIS K-LINE
72		
73	R/G	
74		
75		
76		
77	B/R	HEAD LAMP SWITCH
78	W/V	SENSOR GROUND 4
79	L/Br	PHASE SENSOR
80	B	OUTPUT GROUND 2
81		



Connector View

Connector Name	3732930 FR wheel speed sensor
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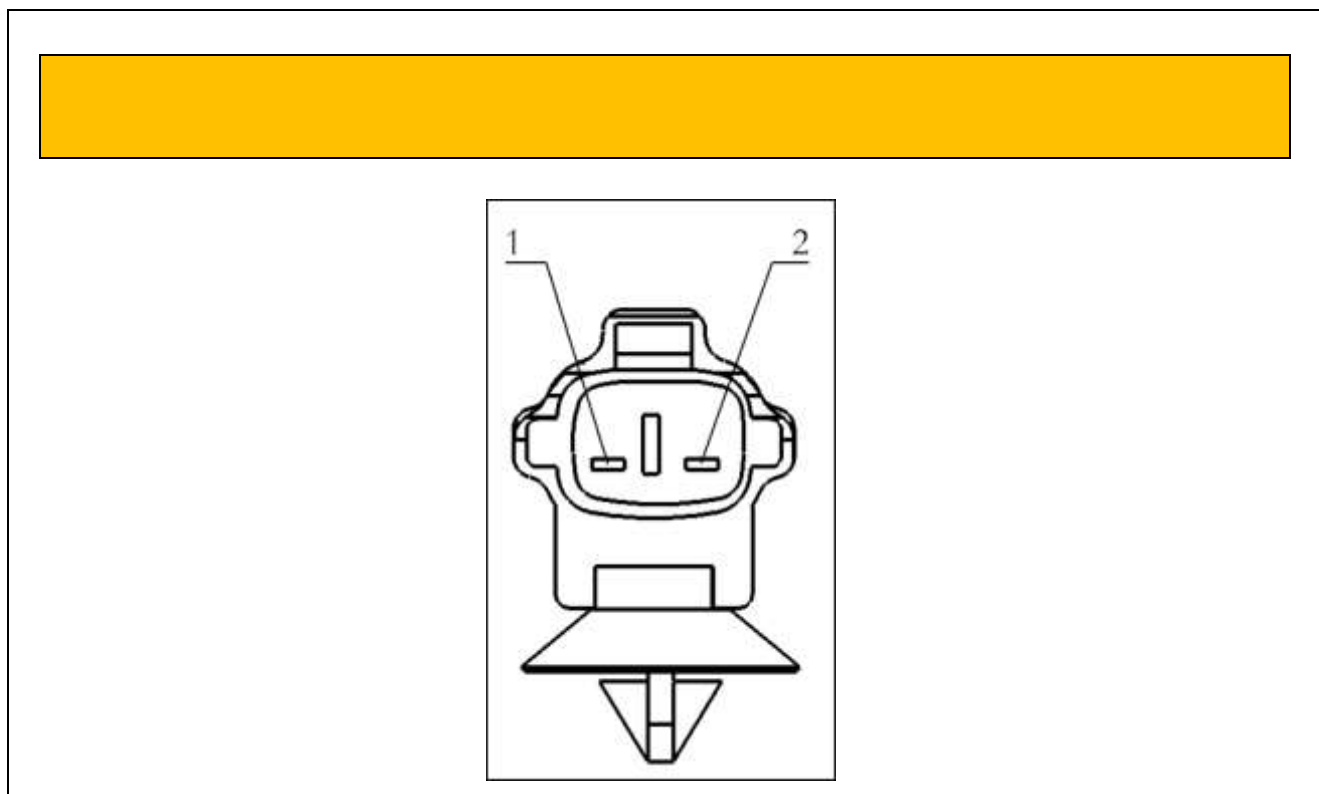


Pin Definition

Pin Number	Wire Size/Color	Function
1	L	VCC power supply
2	P	S signal

Connector View

Connector Name	3732920 FL wheel speed sensor
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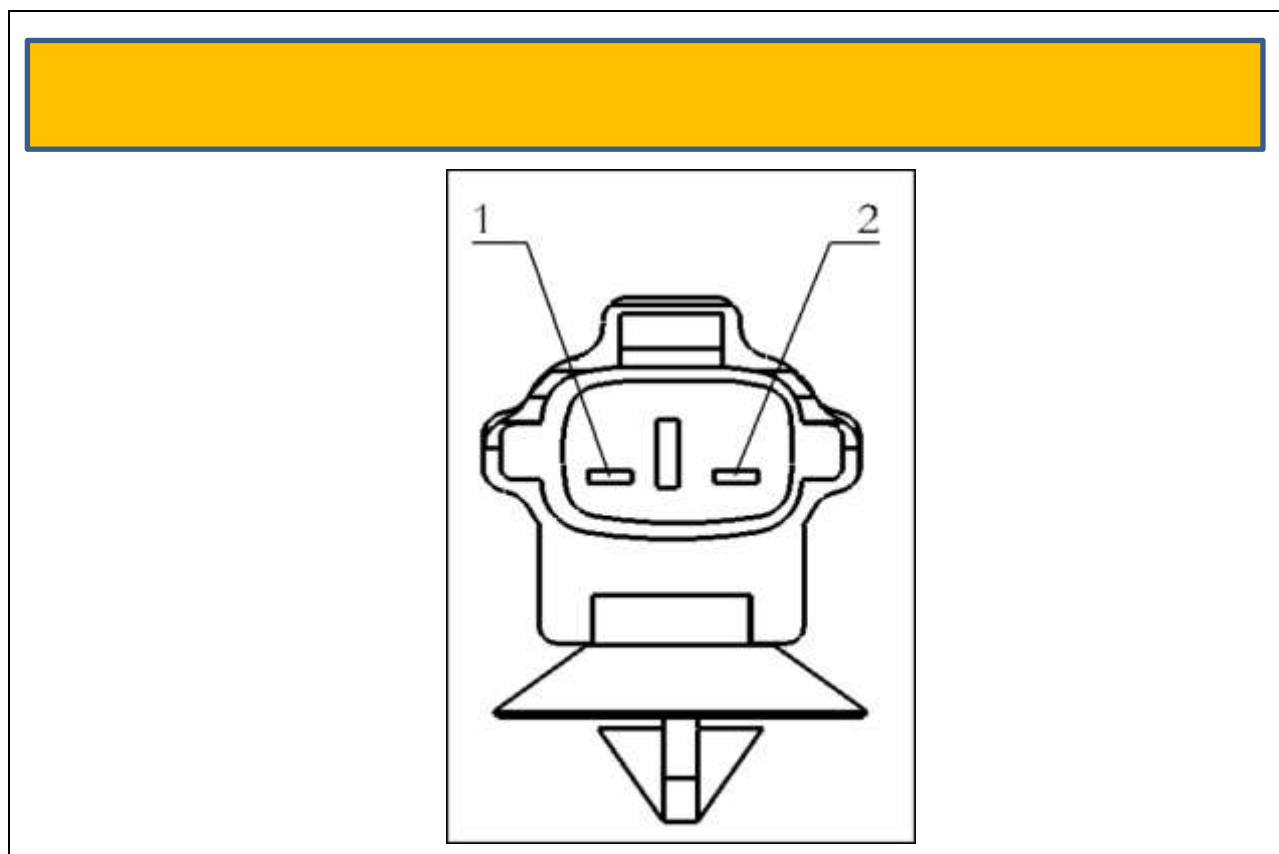
Pin Definition

Pin Number	Wire Size/Color	Function
1	Br	VCC power supply
2	Y	S signal



Connector View

Connector Name	3732940 RL wheel speed sensor
----------------	-------------------------------

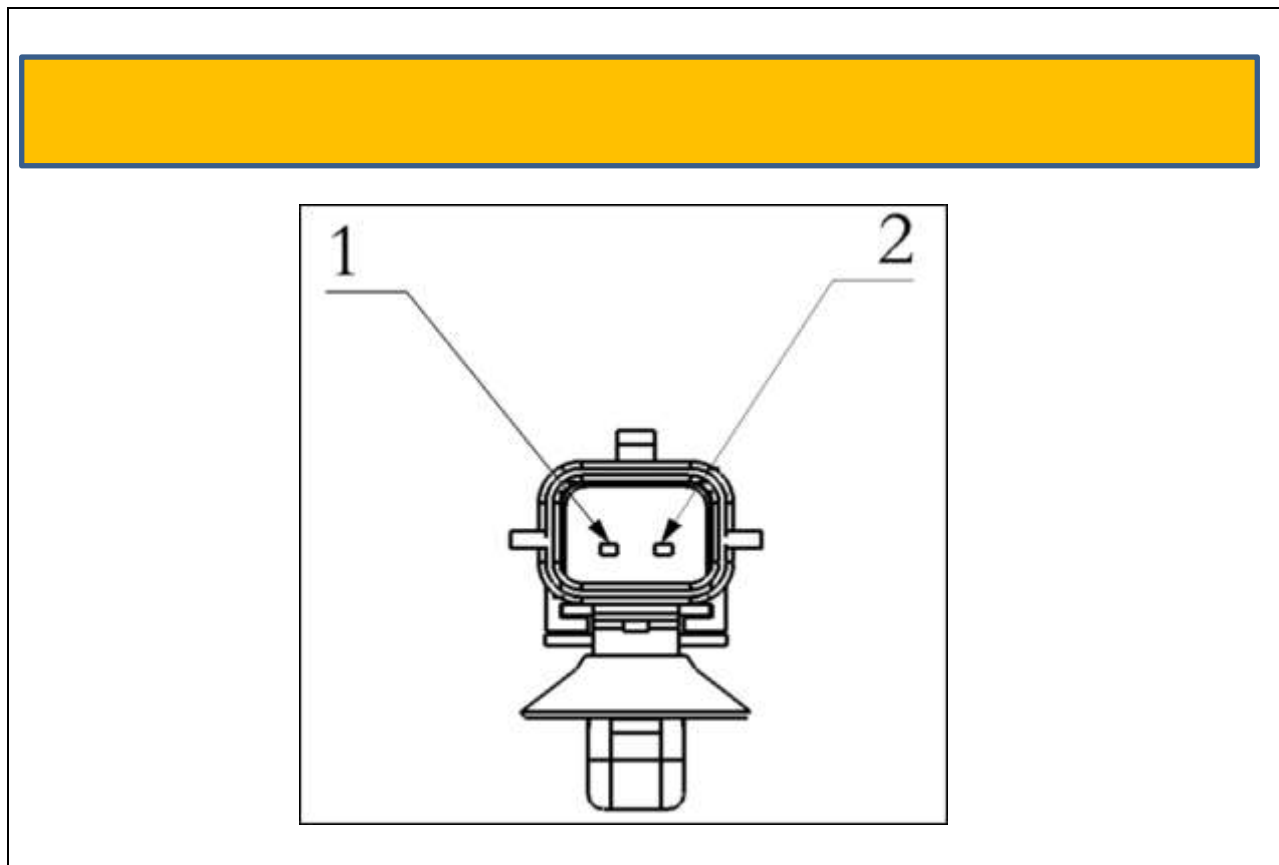


Pin Definition

Pin Number	Wire Size/Color	Function
1	R	VCC power supply
2	G	S signal

Connector View

Connector Name	3732950 RR wheel speed sensor
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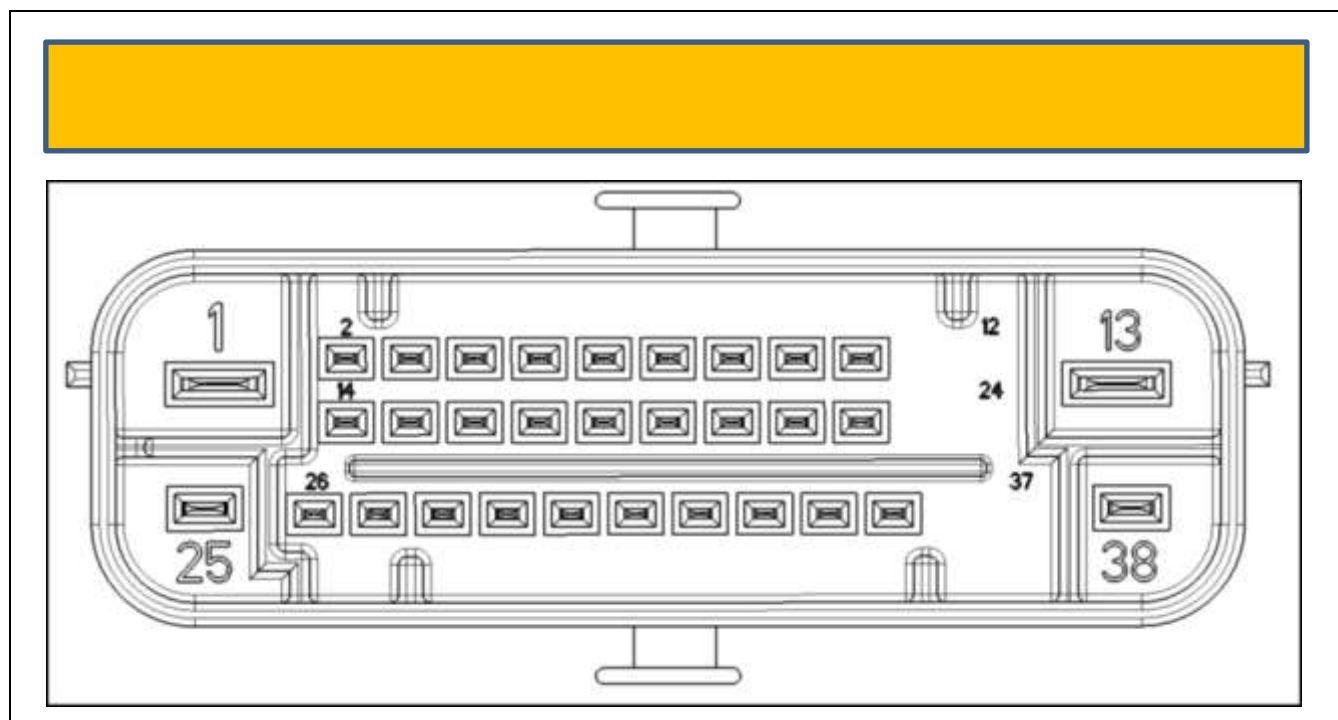


Pin Definition

Pin Number	Wire Size/Color	Function
1	B	VCC power supply
2	W	S signal

Connector View

Connector Name	3732820 ABS EHC
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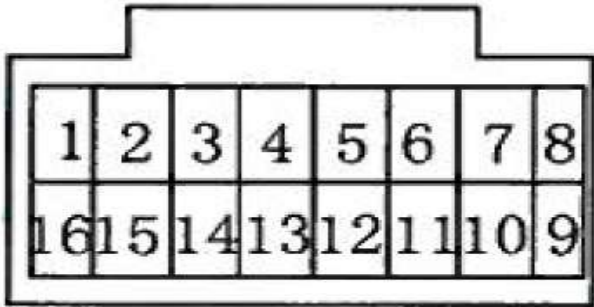
Pin Definition

Pin Number	Wire Size/Color	Function
1	R	UB-MR
2		
3		RR wheel speed sensor output
4	Br/W	ABS warning lamp
5		
6	P	WS FR
7		
8		
9		
10		
11		
12		
13	B	GND-MR
14		CAN-L
15		
16	G/O	EBD warning lamp
17	Gr/R	Diagnostic K
18	L	WP FR

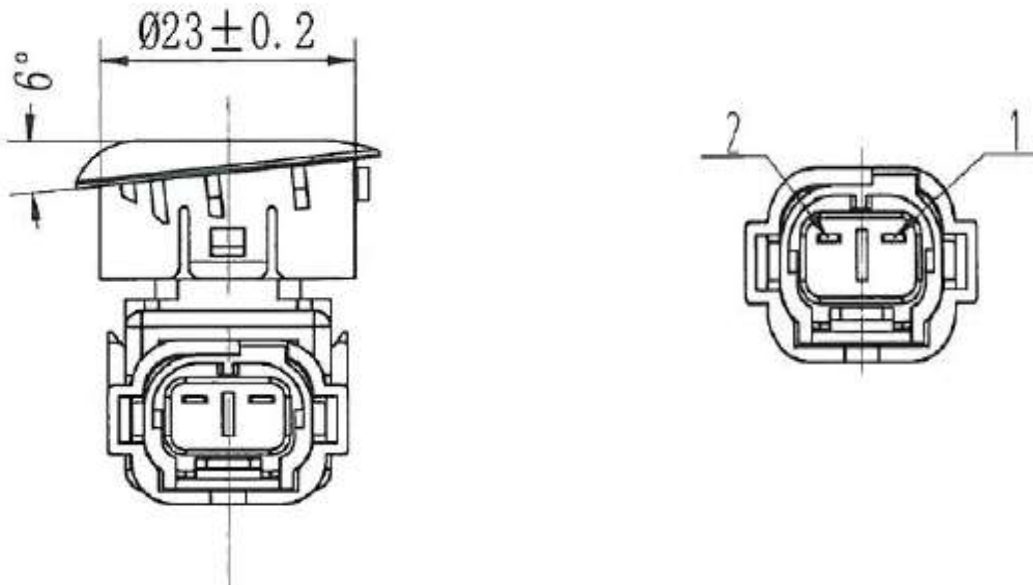
Pin Number	Wire Size/Color	Function
19	B	WP RR
20	G	WS RL
21	Br	WP FL
22	Y	WS FL
23		
24		
25	R/B	
26		CAN-H
27		FR wheel speed sensor output
28		
29		
30	G/W	BLS
31	W	WS RR
32	B/R	ECU power supply
33	R	WP RL
34		
35		
36		
37		
38	B	GND



Connector View

Connector Name		H2 PDC ECU
		
Pin Definition		
Pin Number	Wire Size/Color	Function
1	G/W	RL Signal
2	G/B	RM Signal
3		NC
4	L	RR Signal
5		NC
6		NC
7		NC
8	R/Y	System Power
9		NC
10		NC
11		NC
12	R/Y	Sensor GND
13	R/W	Sensor GND
14		NC
15	R/B	Sensor GND
16	W/B	System GND

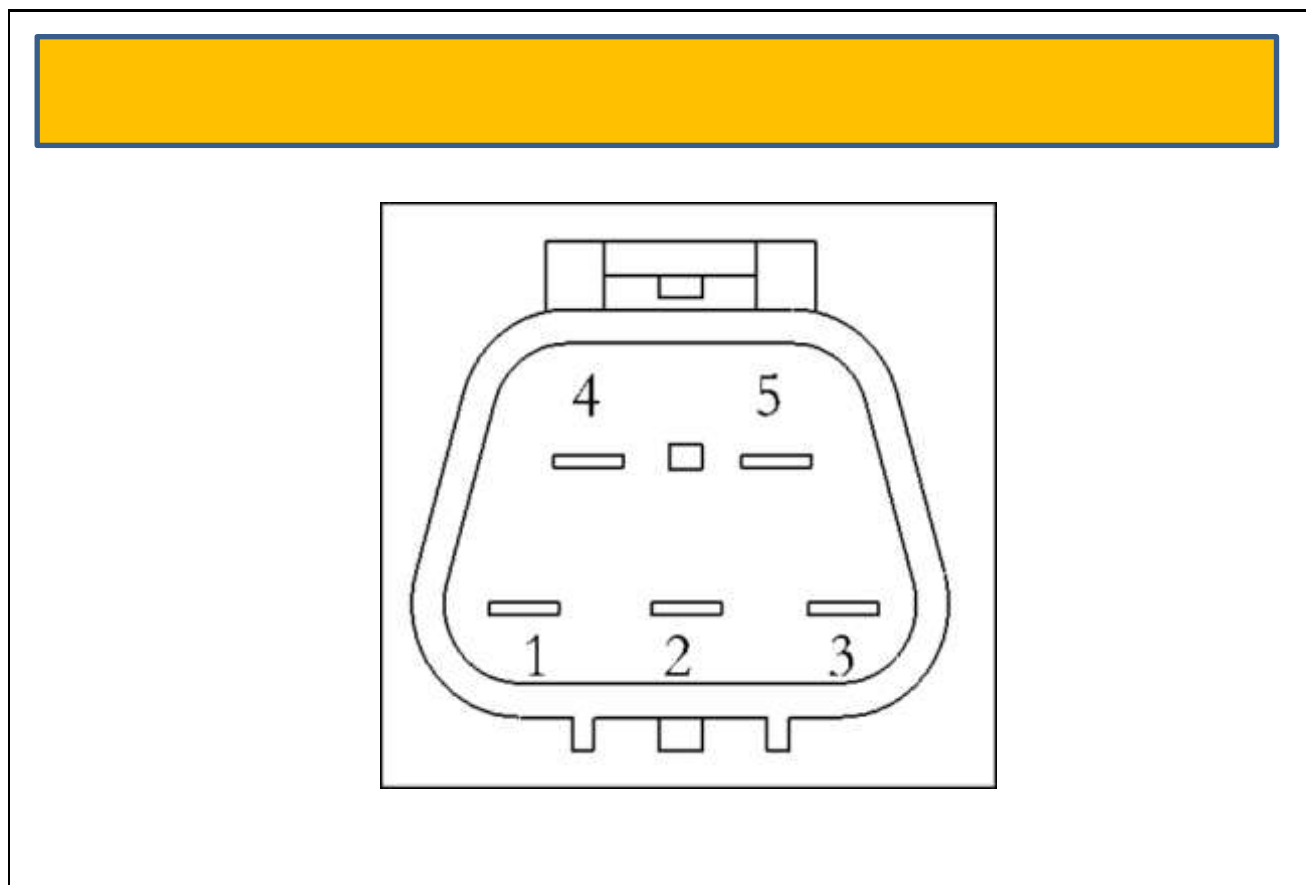
Connector View

Connector Name		H2 PDC SENSOR
		
Pin Definition		
Pin Number	Wire Size/Color	Function
1	R/B;RW;R/Y(RL;RM;RR)	Sensor GND
2	G/W;G/B;L((RL;RM;RR))	Sensor Signal



Connector View

Connector Name	MOTOR-A-WIPER-FR
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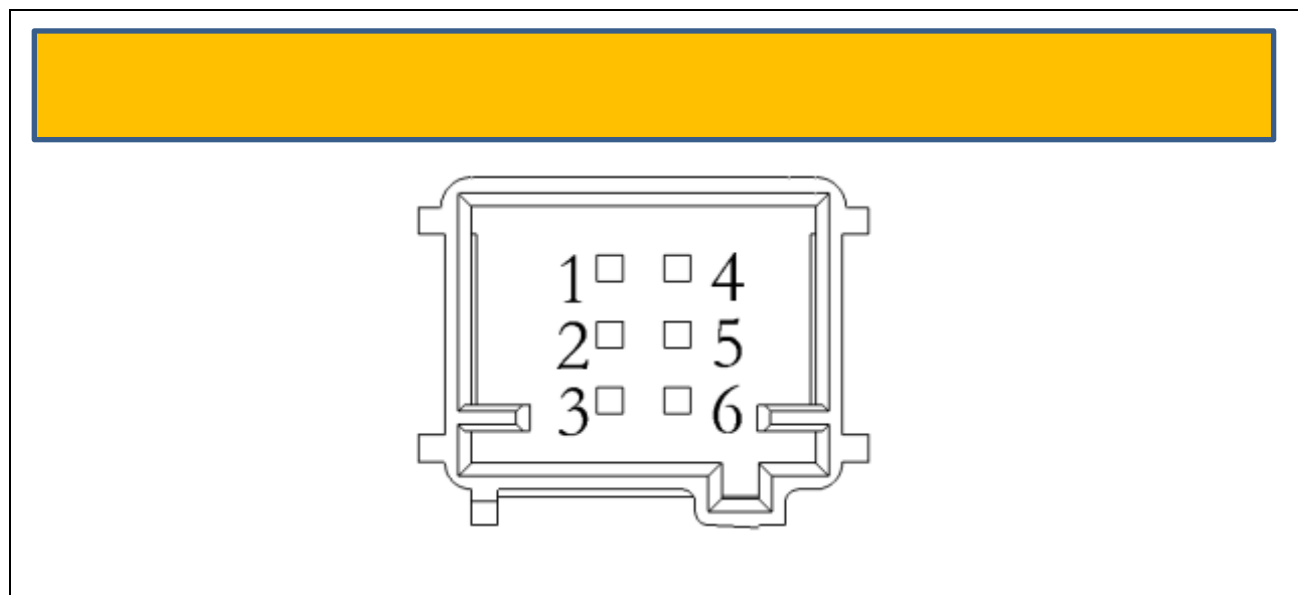


Pin Definition

Pin Number	Wire Size/Color	Function
1	L	CL.15
2	L/W	PARK
3	L/O	HIGH SPEED
4	W/B	CL.31
5	L/B	LOW SPEED

Connector View

Connector Name	Hazard Switch
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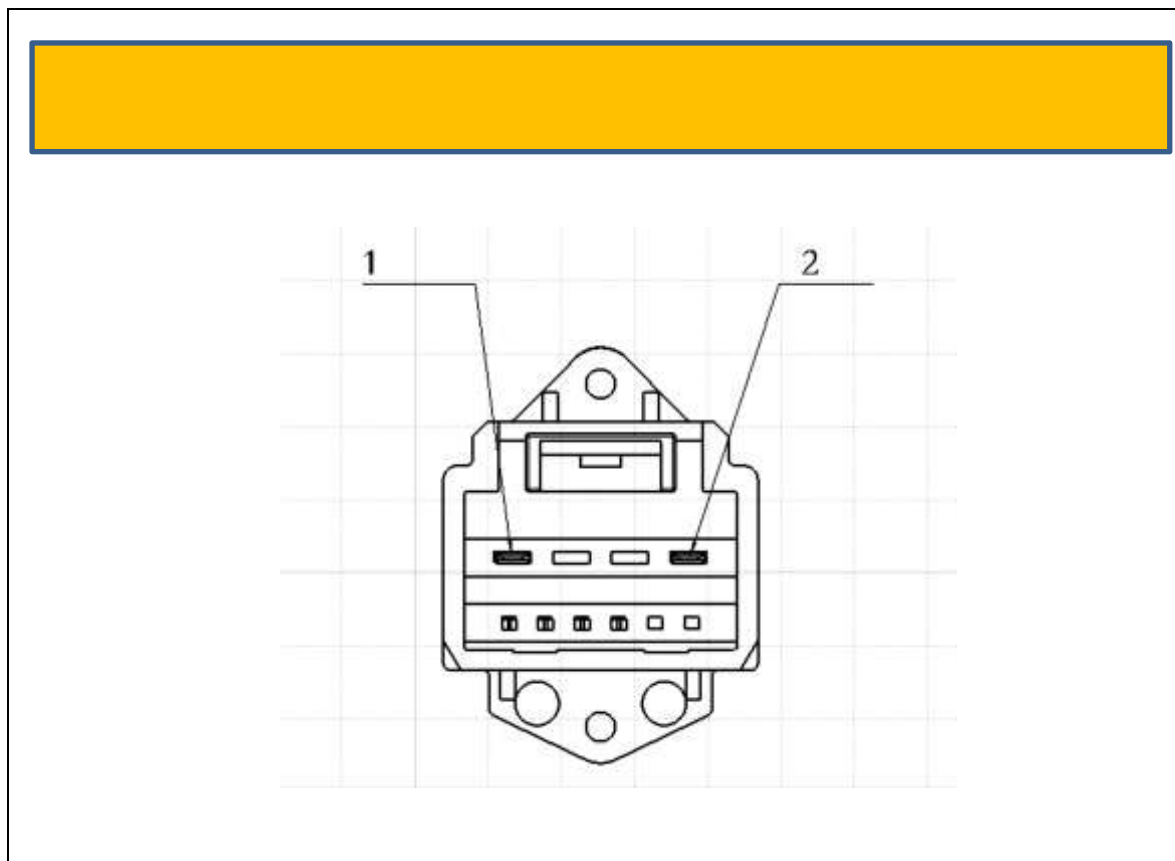


Pin Definition

Pin Number	Wire Size/Color	Function
1	G/W	to Relay
2	W/B	GND (CL 31)
3		Reserved
4	G/O	(CL 30)
5	G	CL 58
6		Reserved

Connector View

Connector Name	FRONT-DOOR-LATCH-RH
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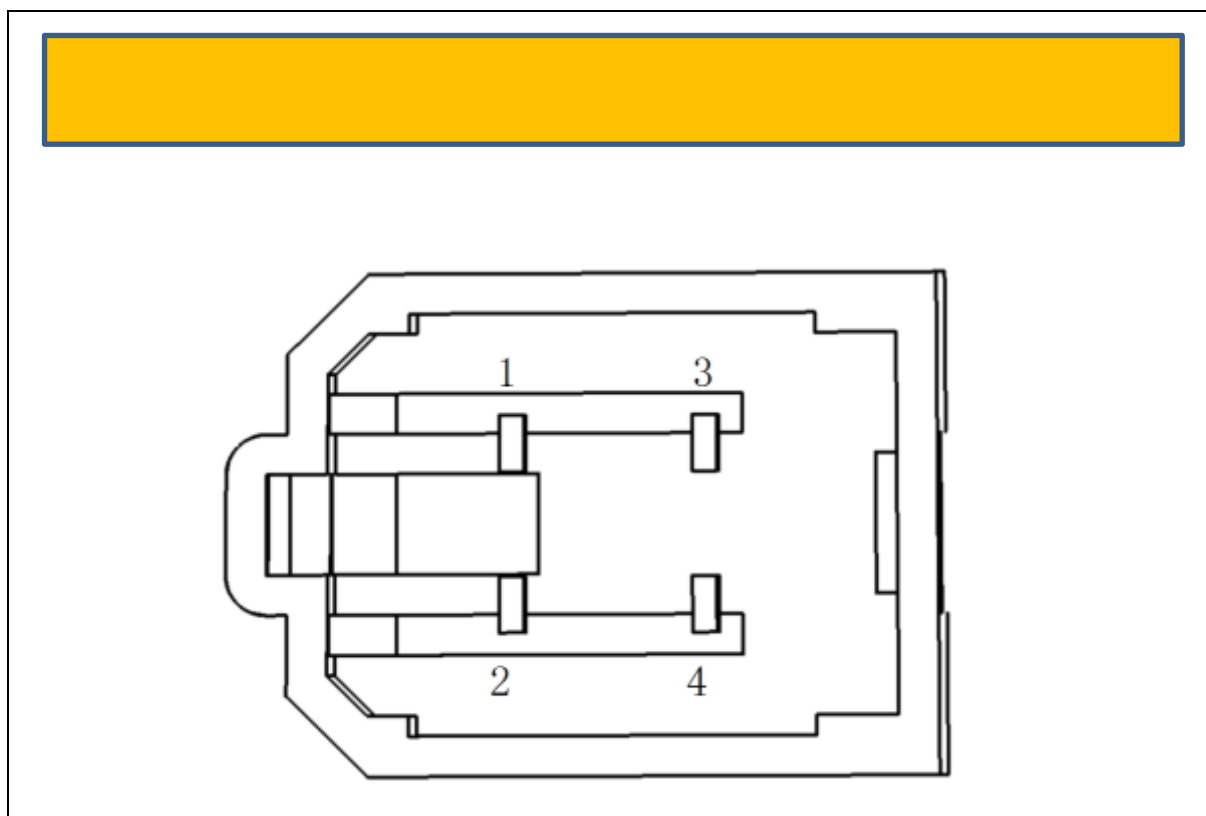


Pin Definition

Pin Number	Wire Size/Color	Function
1	L/B	(+)Lock
2	L/Y	(+)Unlock
3		

Connector View

Connector Name	RR-WIPER-MOTOR-ASS
----------------	--------------------

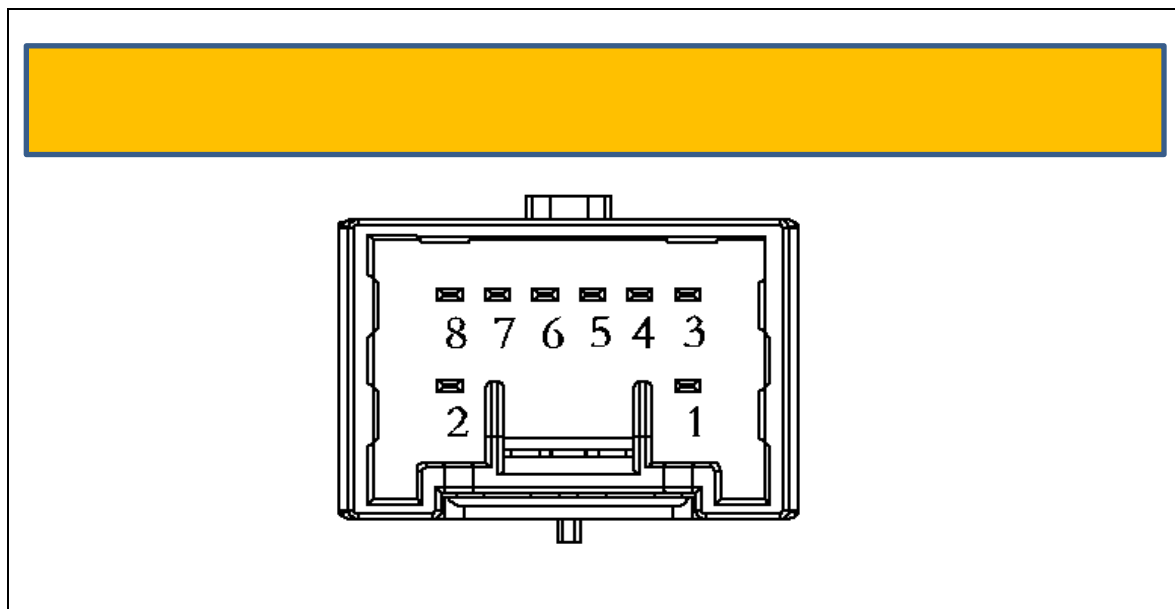


Pin Definition

Pin Number	Wire Size/Color	Function
1	L	CL.15
2	W/B	CL.31
3	L/W	WORK
4	L/R	PARK

Connector View

Connector Name	(Rear Fog lamp Switch)
----------------	--------------------------

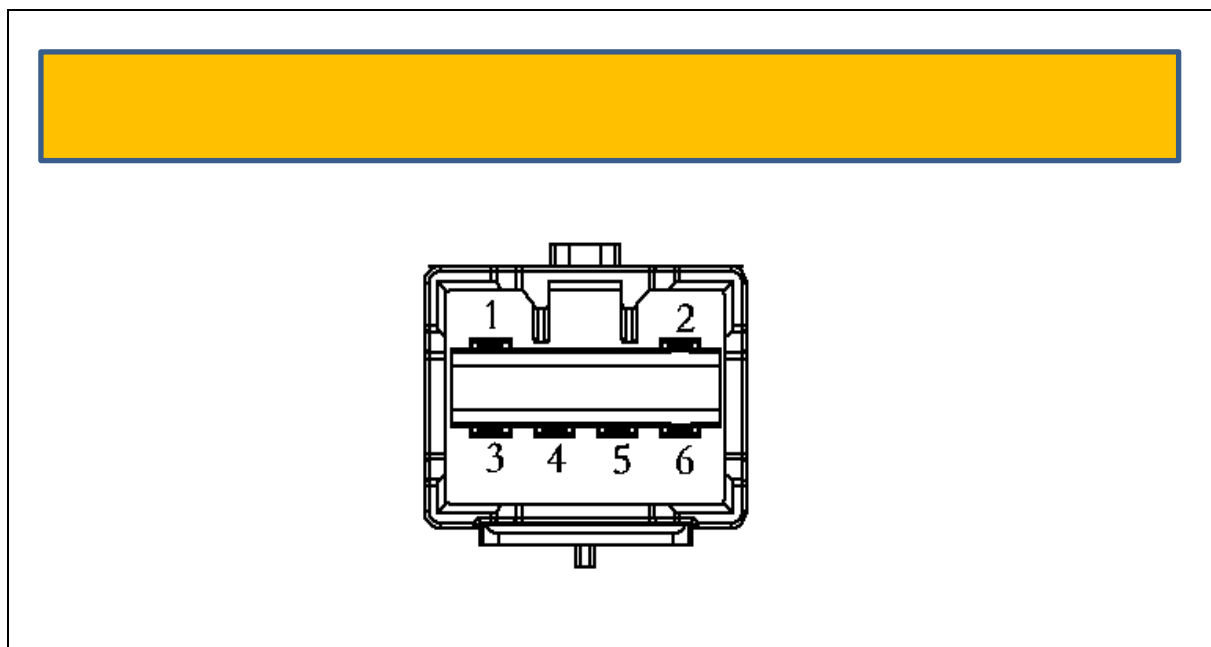


Pin Definition

Pin Number	Wire Size/Color	Function
1	L/W	to Fog lamp
2	G	From position lamp Relay
3	R	CL 30
4	R/W	From Headlamp Relay
5	R/Y	Headlamp Signal from Multifunction Switch
6	L	From Front Fog lamp Relay
7	W/B	GND
8	W/B	GND

Connector View

Connector Name	(Rear Roof Lamp Switch)
----------------	---------------------------

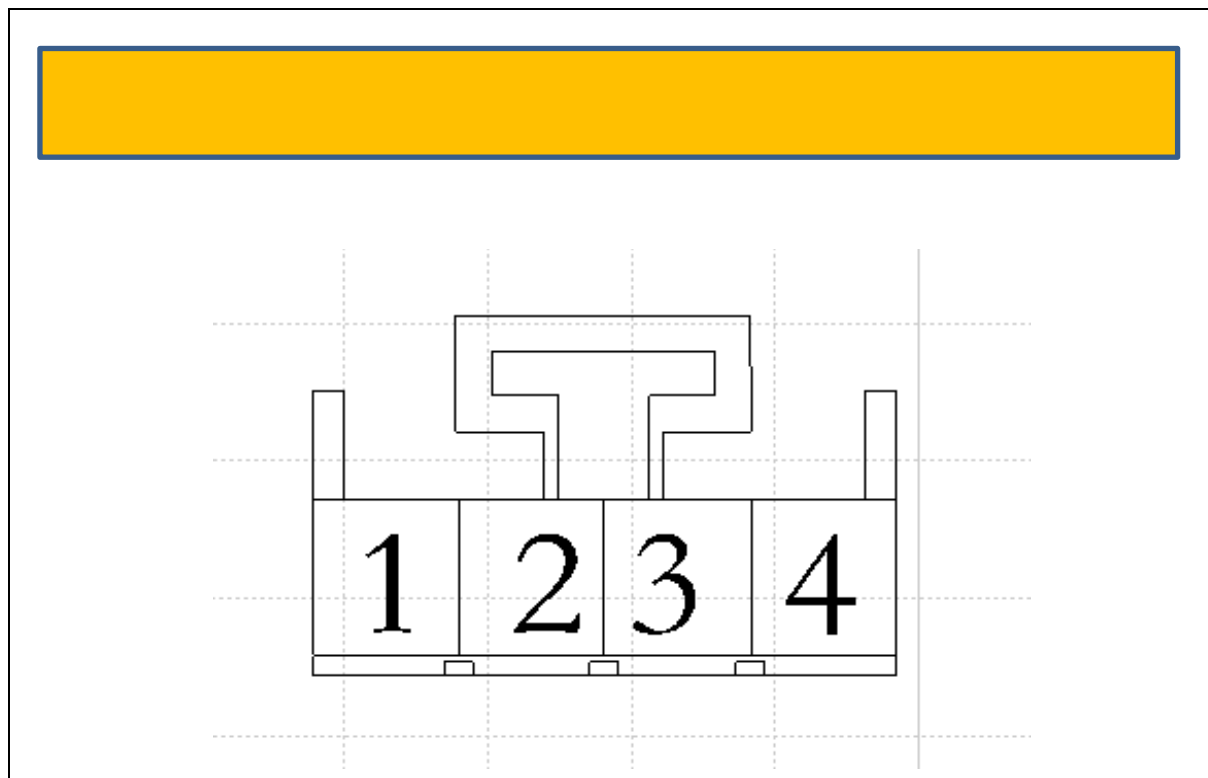


Pin Definition

Pin Number	Wire Size/Color	Function
1	G	CL 58
2	L/R	CL 30
3	W/B	GND
4	W/B	GND
5		Reserved
6	W	to Rear Roof Lamp Relay

Connector View

Connector Name	MIRROR-OUTSIDE-ELE
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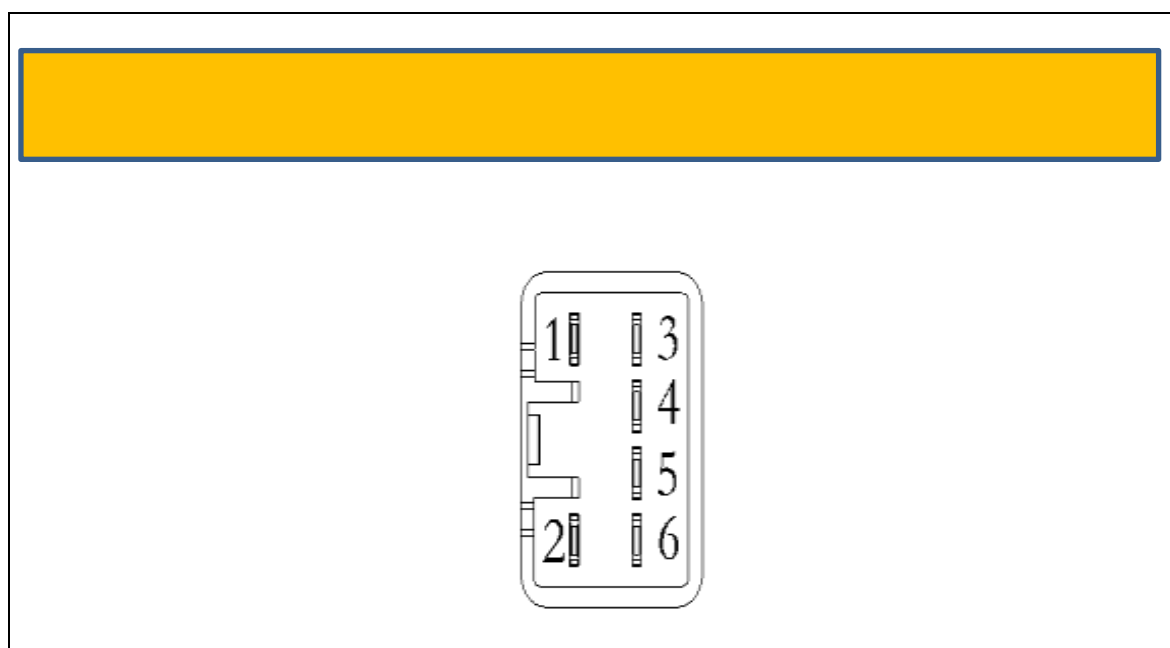


Pin Definition

Pin Number	Wire Size/Color	Function
1	Blue	Adjust the motor to turn up or down
2	Yellow	power supply
3	Red	Adjust the motor to turn left or right
4		

Connector View

Connector Name	Headlamp Leveling Switch
----------------	--------------------------

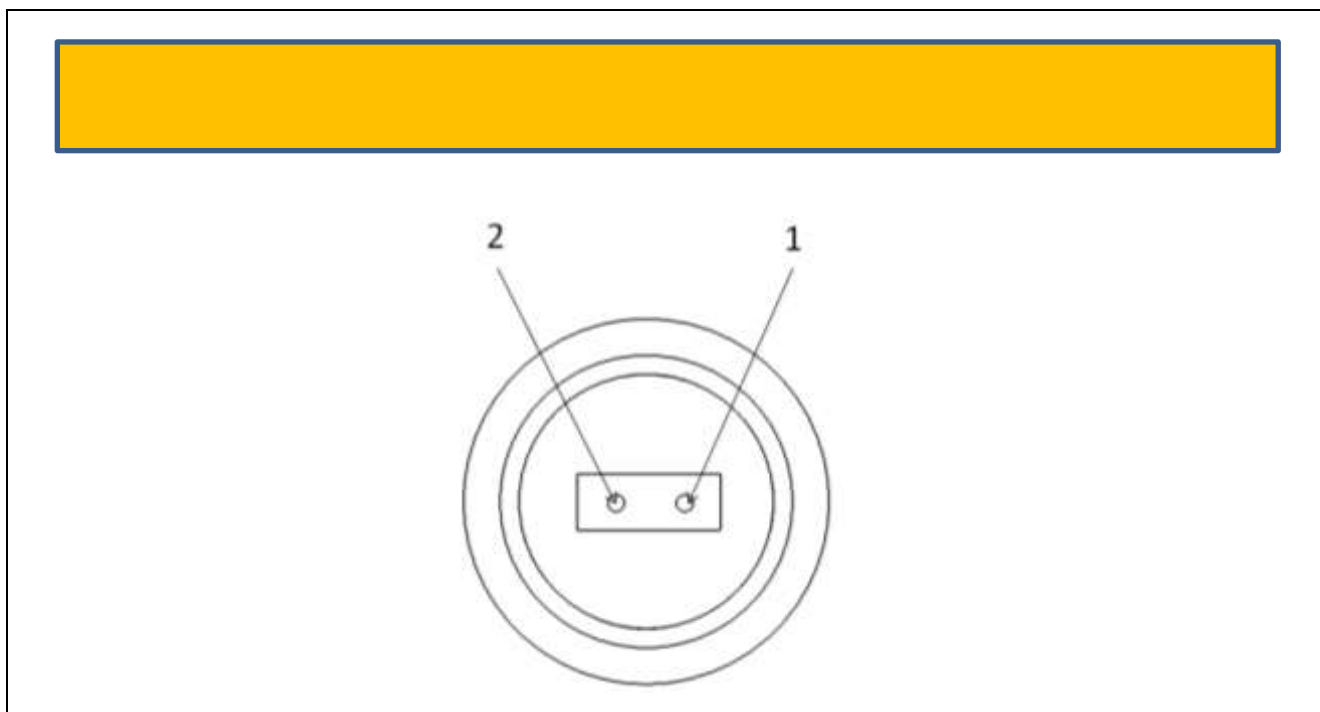


Pin Definition

Pin Number	Wire Size/Color	Function
1	R	Headlamp Power
2	W/B	GNG
3	G	CL 58
4	L/O	to Headlamp Controller
5	Y	to Headlamp Controller
6	W/B	GNG

Connector View

Connector Name	FRONT 3POINT SEAT BELT STRAP AND RETRACTOR PRETENSIONER-LH
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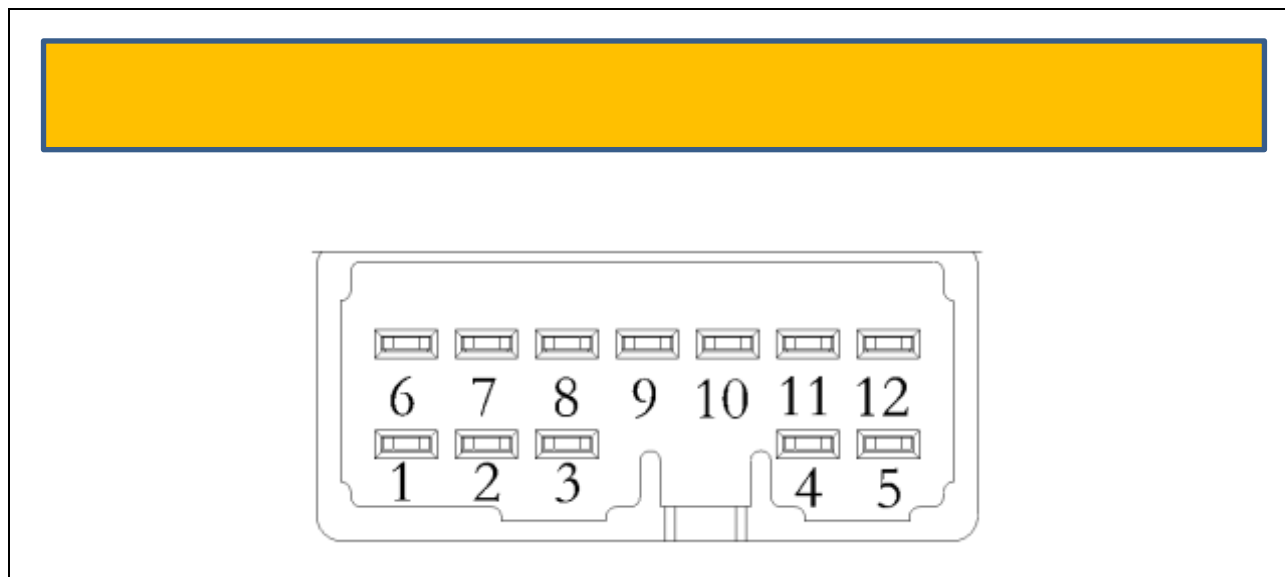


Pin Definition

Pin Number	Wire Size/Color	Function
1	Y/B	deploy seatbelt airbag signal (Positive pole or Negative)
2	R/B	deploy seatbelt airbag signal (Positive pole or Negative)
3		

Connector View

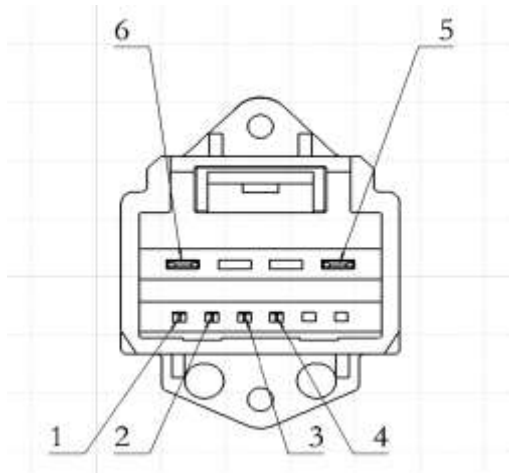
Connector Name	Power Window Switch-FL
----------------	------------------------



Pin Definition

Pin Number	Wire Size/Color	Function
1		Reserved
2		Reserved
3	W/B	(GND)
4	L/W	(to FL Power Window Motor)
5	W/R	(CL 58)
6		Reserved
7	R/L	(to FR Power Window Switch No.2 Pin)
8	L	(to Power Window Relay)
9	G/R	(to FR Power Window Switch No.5 Pin)
10	G/W	to Center Lock Controller (Unlock)
11	G	to Center Lock Controller (lock)
12	L/R	(to FL Power Window Motor)

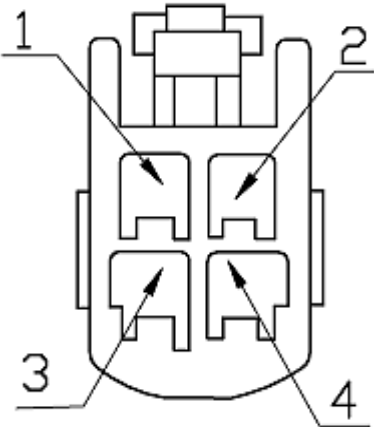
Connector View

Connector Name	FRONT-DOOR-LATCH-LH
	

Pin Definition

Pin Number	Wire Size/Color	Function
1	G	Conversion signal terminal
2	G/W	Conversion signal terminal
3	V	Conversion signal terminal
4	W/B	Conversion signal terminal
5	L/Y	(+)Unlock
6	L/B	(+)Lock
7		

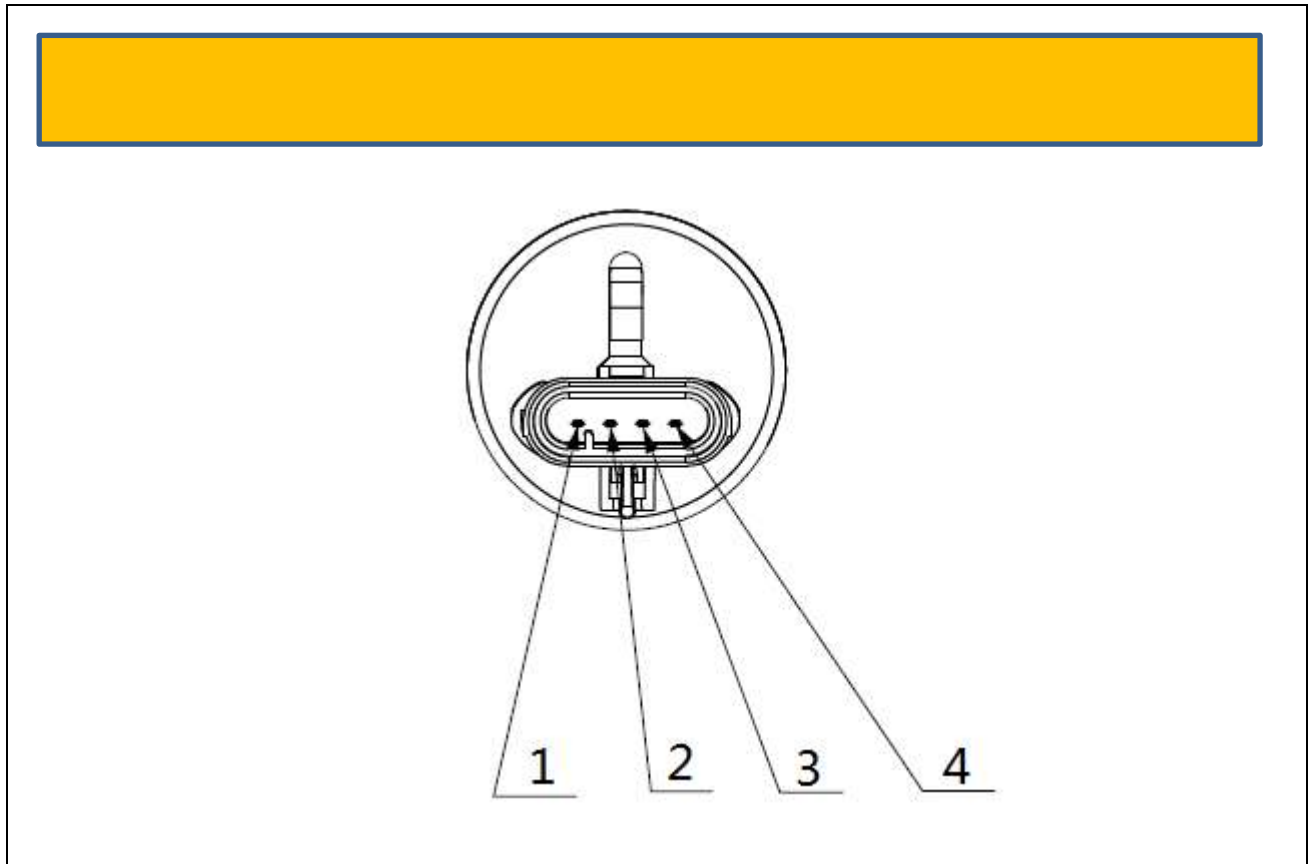
Connector View

Connector Name		H2 Connector
VIEW A 		
Pin Definition		
Pin Number	Wire Size/Color	Function
1	White	VIDEO -
2	Yellow	VIDEO +
3	Black	GND
4	Red	DC +12V



Connector View

Connector Name	lambda sensor
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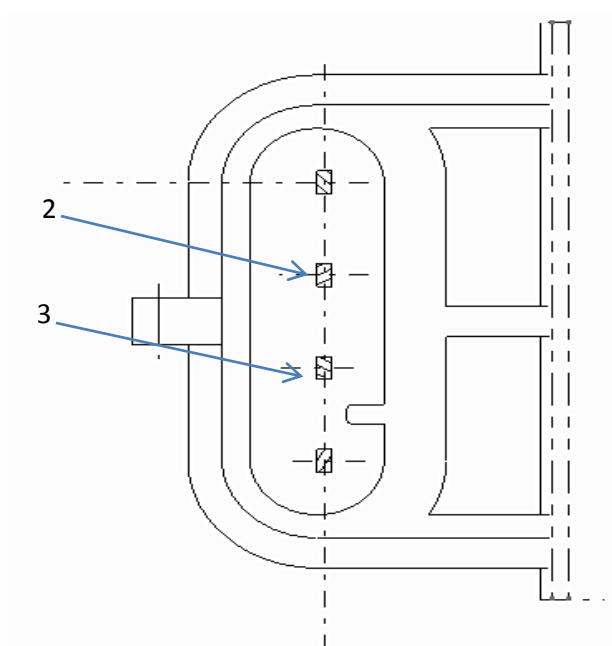


Pin Definition

Pin Number	Wire Size/Color	Function
1	1.7mm/black	sensor signal
2	1.7mm/gray	ground of the sensor
3	1.7mm/white	heating
4	1.7mm/white	heating

Connector View

Connector Name	Pump Oil Connector
----------------	--------------------



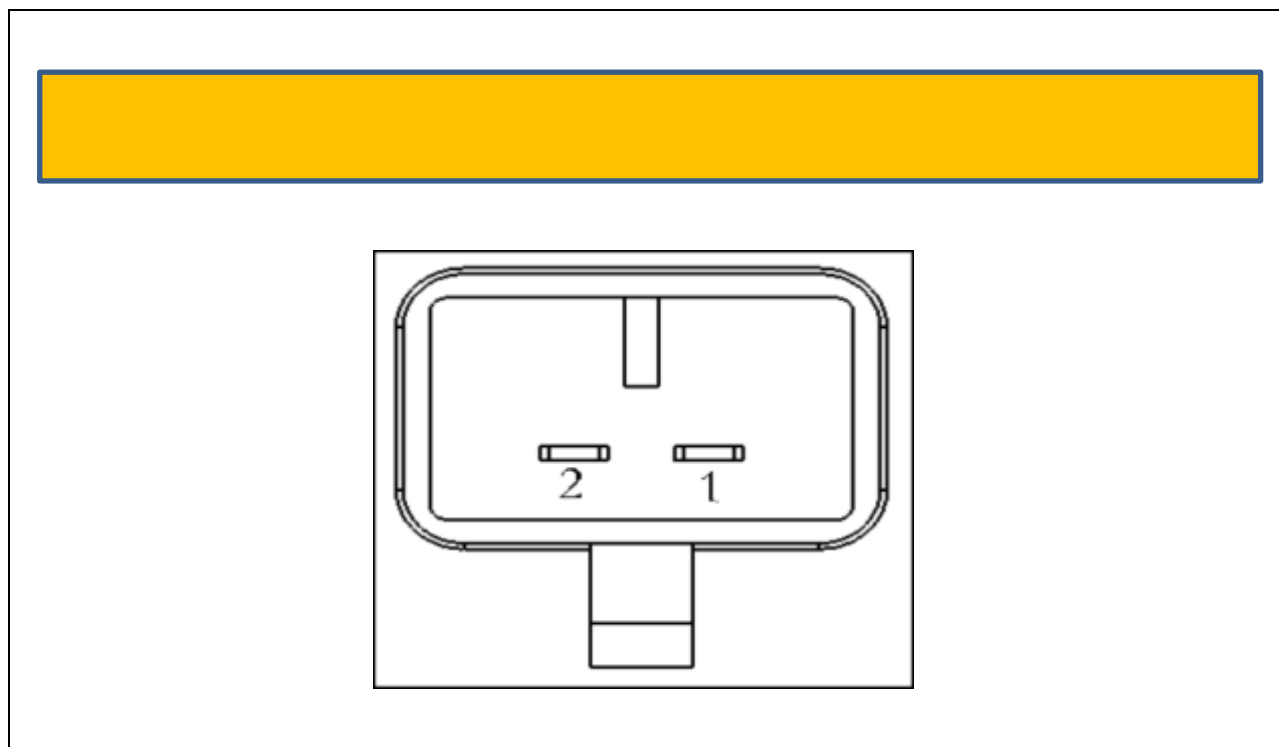
Pin Definition

Pin Number	Wire Size/Color	Function
1	R	fuel-pump-positive-electrode
2	Y/R	sensor-positive-electrode
3	W/B	sensor-anode
4	W/B	fuel-pump-anode
5		



Connector View

Connector Name	TANK-WINDSCREEN-WASH-FR-R
----------------	---------------------------

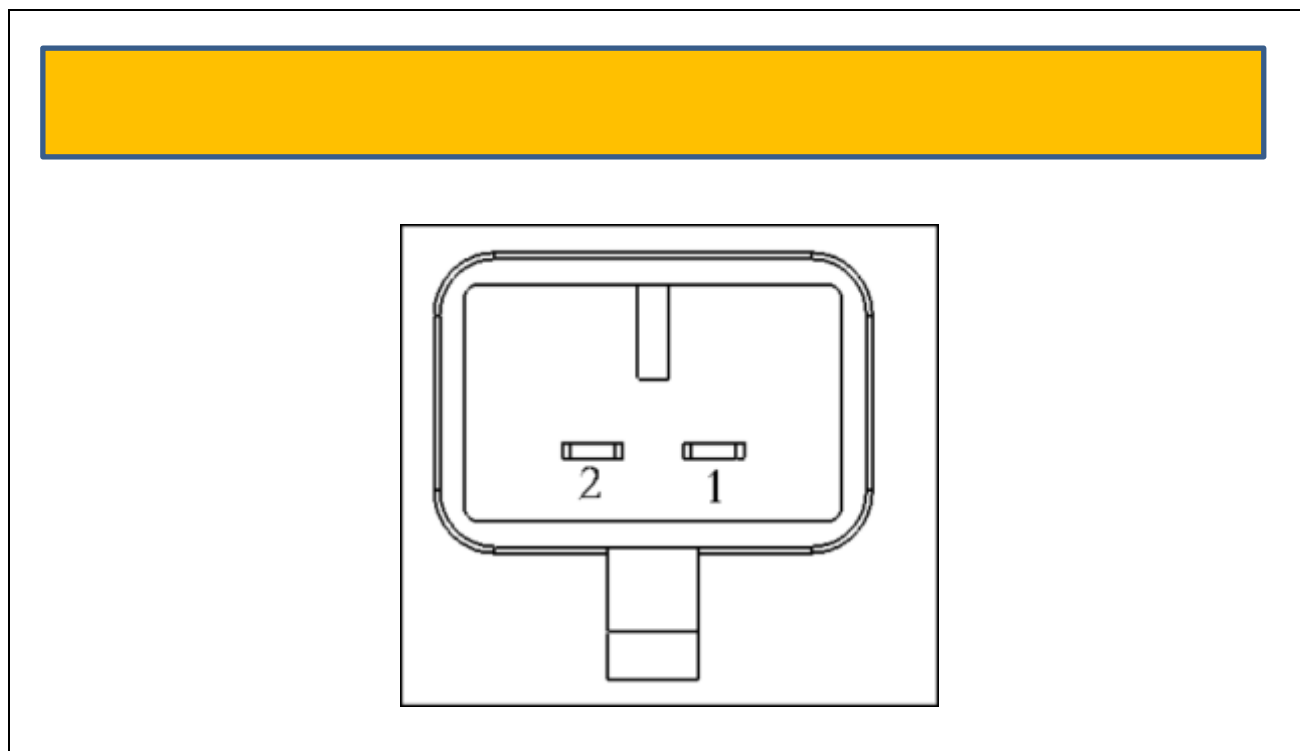


Pin Definition

Pin Number	Wire Size/Color	Function
1	L/Y	CL.31
2	L	CL.15

Connector View

Connector Name	TANK-WINDSCREEN-WASH-RR-R
----------------	---------------------------



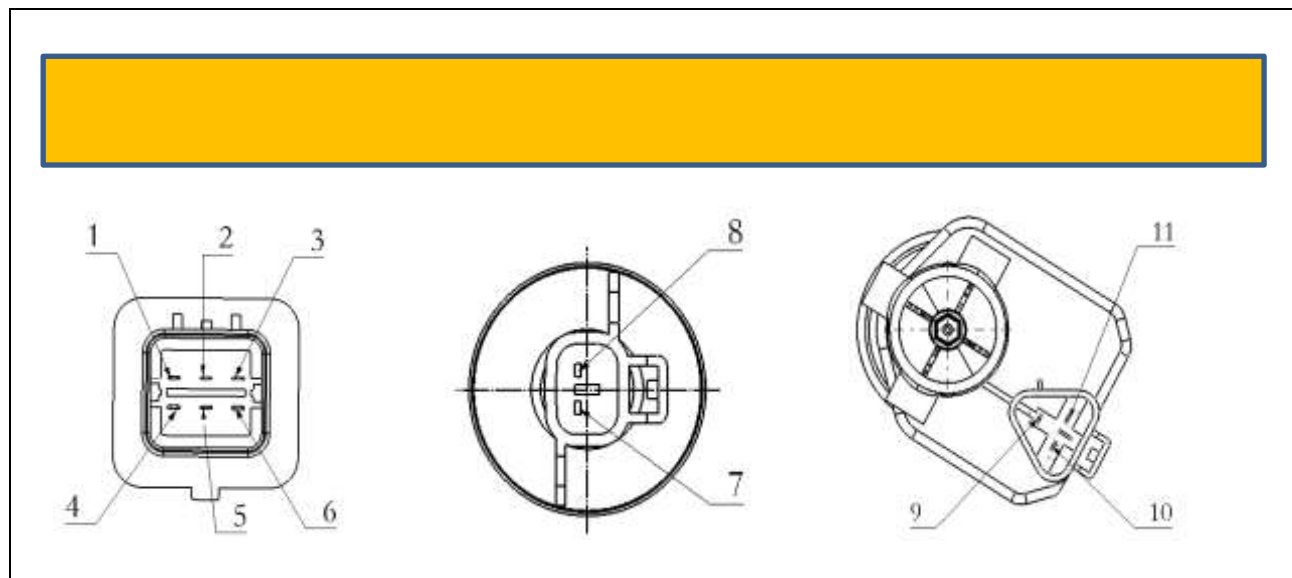
Pin Definition

Pin Number	Wire Size/Color	Function
1	L	CL.31
2	W/G	CL.15

HEADLAMP

Connector View

Connector Name	HEADLAMP
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Pin Definition

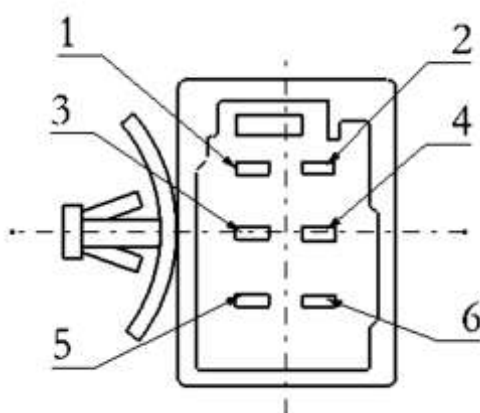
Pin Number	Wire Size/Color	Function
1	R/Y	HB(+)
2	R/G	LB(+)
3	G	PO(+)
4	W/B	H/LB(-)
5	W/B	PO(-)
6		EMPTY
7	W/B	DI(+)
8	G/B;G/Y(L:R)	DI(-)
9	R	POWER(+)
10	W/B	POWER(-)
11	L/O;Y(L:R)	CONTROL
12		



REAR LAMP

Connector View

Connector Name	REAR LAMP
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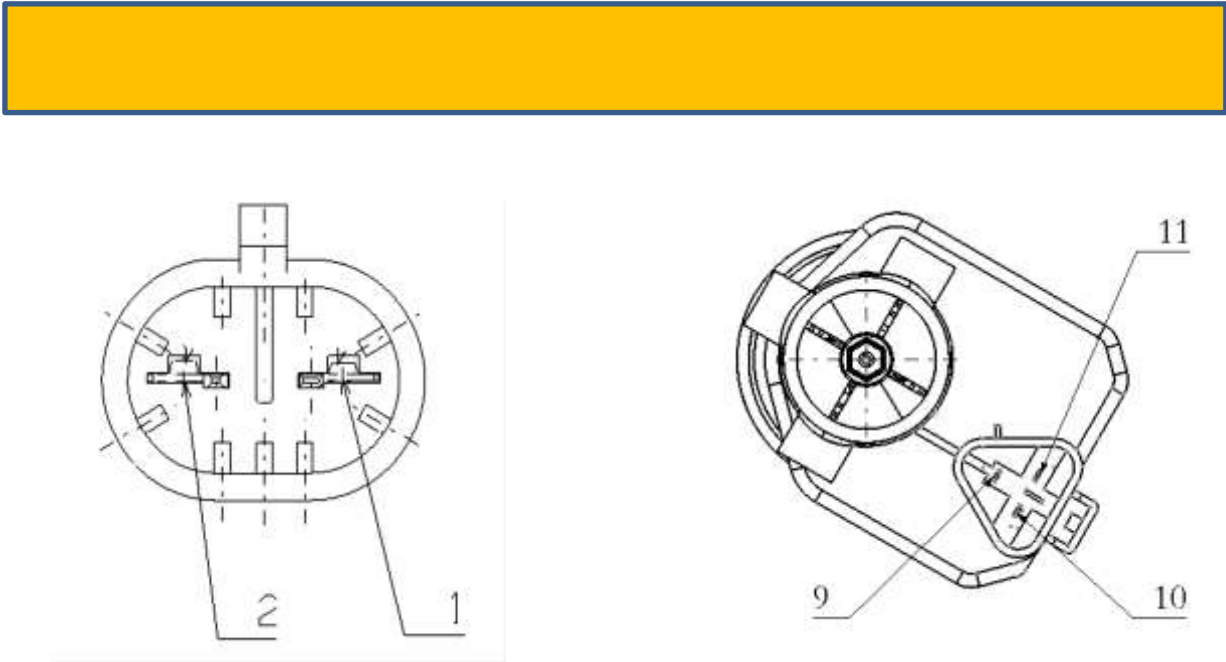
Pin Definition

Pin Number	Wire Size/Color	Function
1	L/W	RFL(+)
2	R/Y	BL(+)
3	G/B	DI(+)
4	G/W	SL(-)
5	B/W	POWER(-)
6	G	PO(+)
7		



FRONT FOG LAMP

Connector View

Connector Name	FRONT FOG LAMP
	

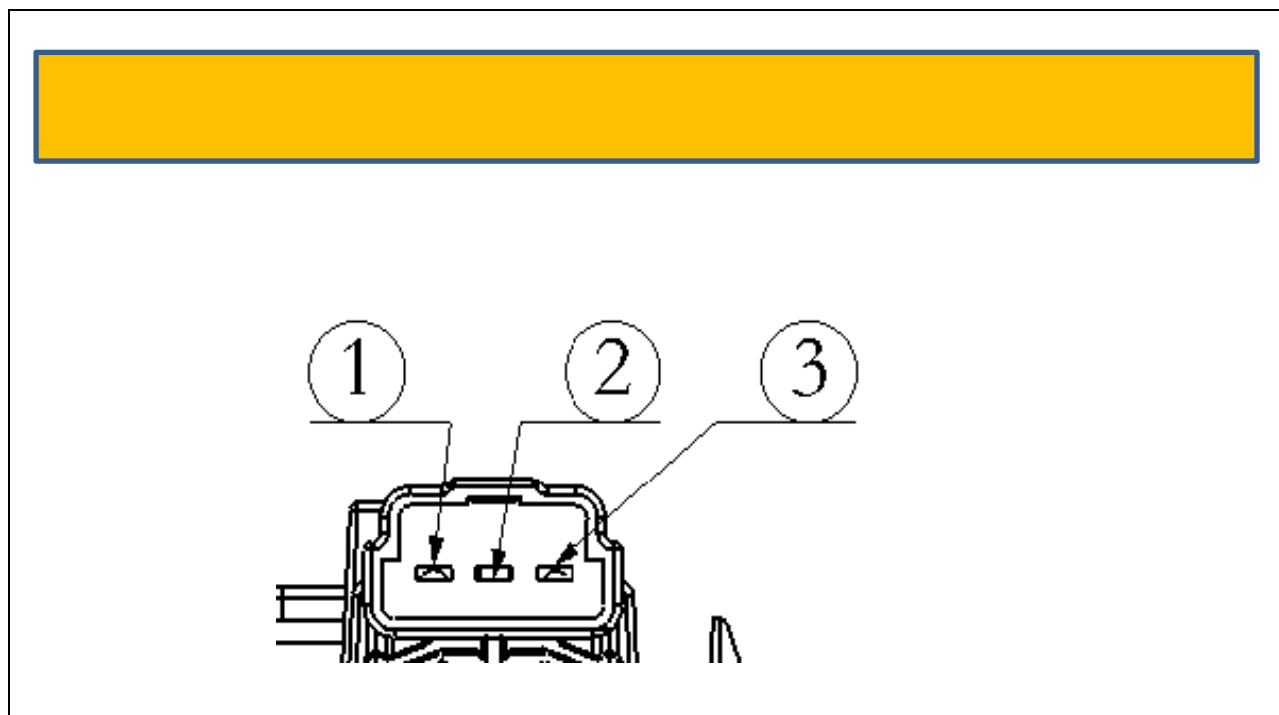
Pin Definition

Pin Number	Wire Size/Color	Function
1	L/W	POWER(+)
2	W/B	POWER(-)
3		

FRONT ROOM LAMP

Connector View

Connector Name	FRONT ROOM LAMP
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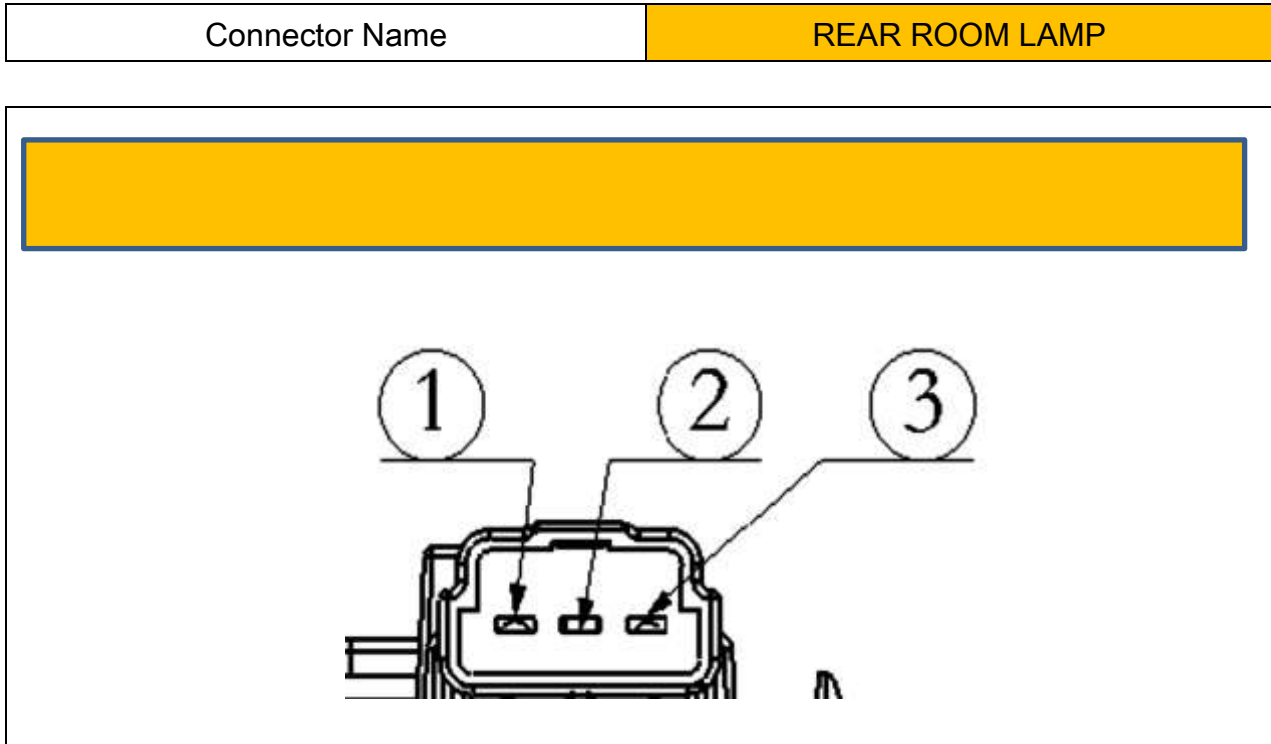


Pin Definition

Pin Number	Wire Size/Color	Function
1	W/B	POWER(-)
2	W	DOOR CONTROL
3	L/Y	POWER(+)
4		

REAR ROOM LAMP

Connector View



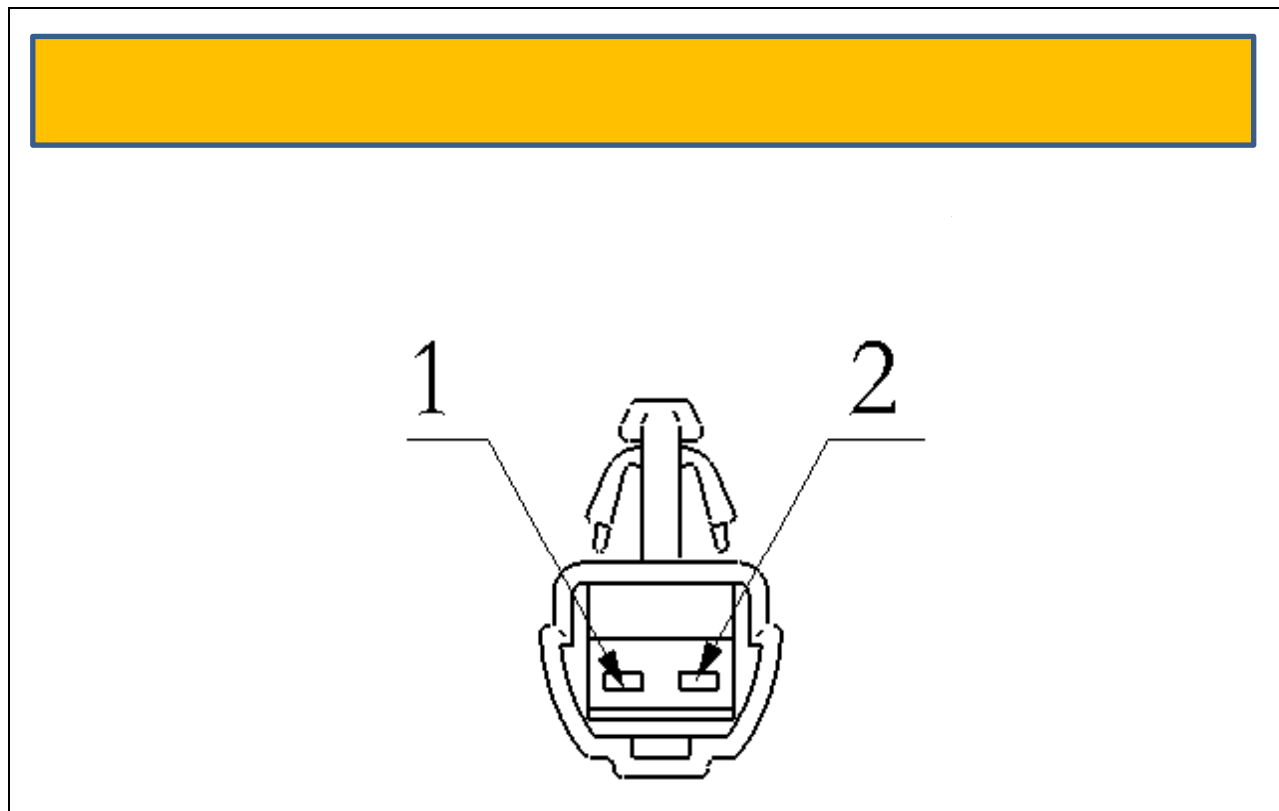
Pin Definition

Pin Number	Wire Size/Color	Function
1	W/B	POWER(-)
2	W	DOOR CONTROL
3	L/Y	POWER(+)
4		

CHMSL

Connector View

Connector Name	CHMSL
----------------	-------



Pin Definition

Pin Number	Wire Size/Color	Function
1		POWER(+)
2		POWER(-)
3		

STEP LAMP

Connector View

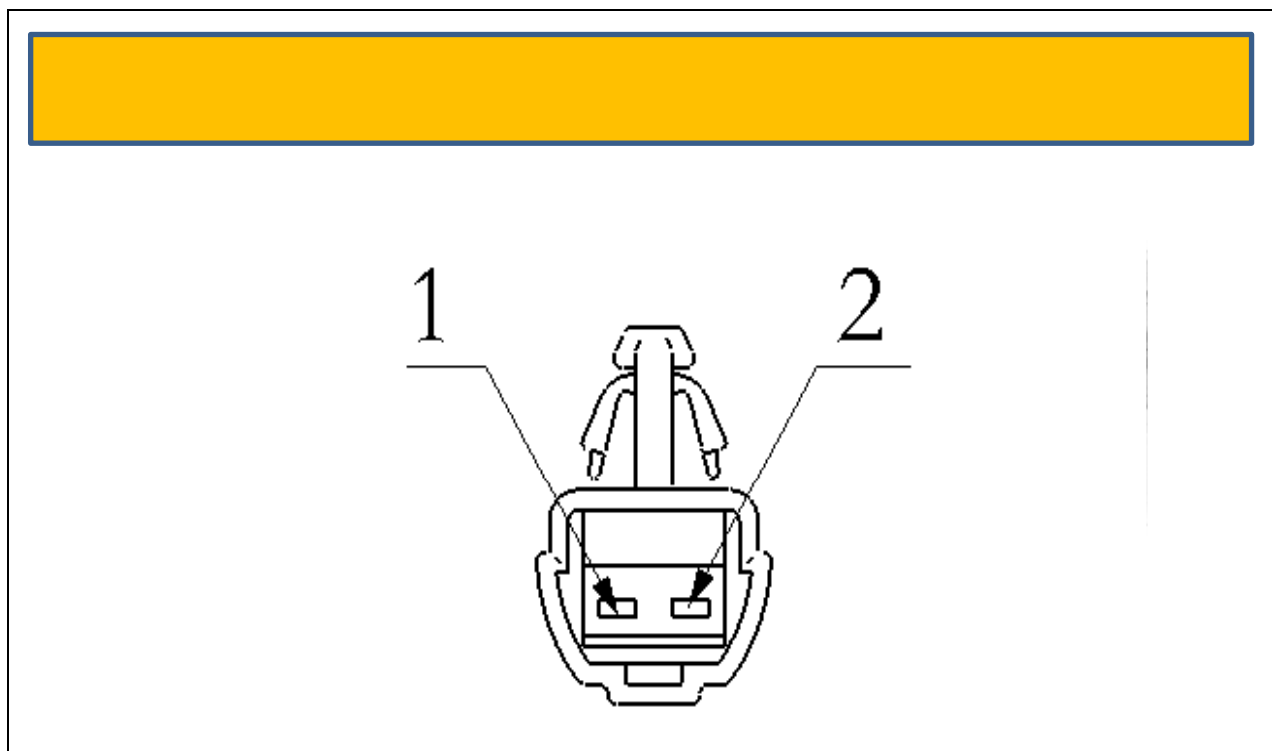
Connector Name	STEP LAMP
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Pin Definition

Pin Number	Wire Size/Color	Function
1	L/Y	POWER(+)
2	L	DOOR CONTROL
3		

Connector View

Connector Name	LICENSE LAMP
----------------	--------------

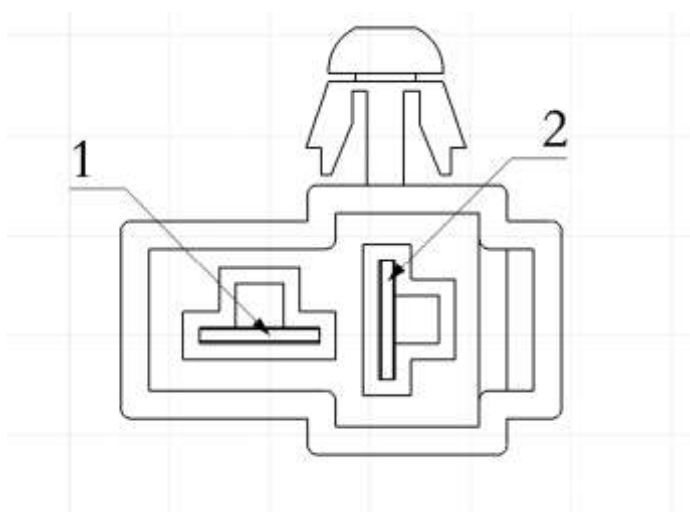


Pin Definition

Pin Number	Wire Size/Color	Function
1	W/B	POWER(-)
2	G	POWER(+)
3		

View

Connector Name	REGULATOR
----------------	-----------

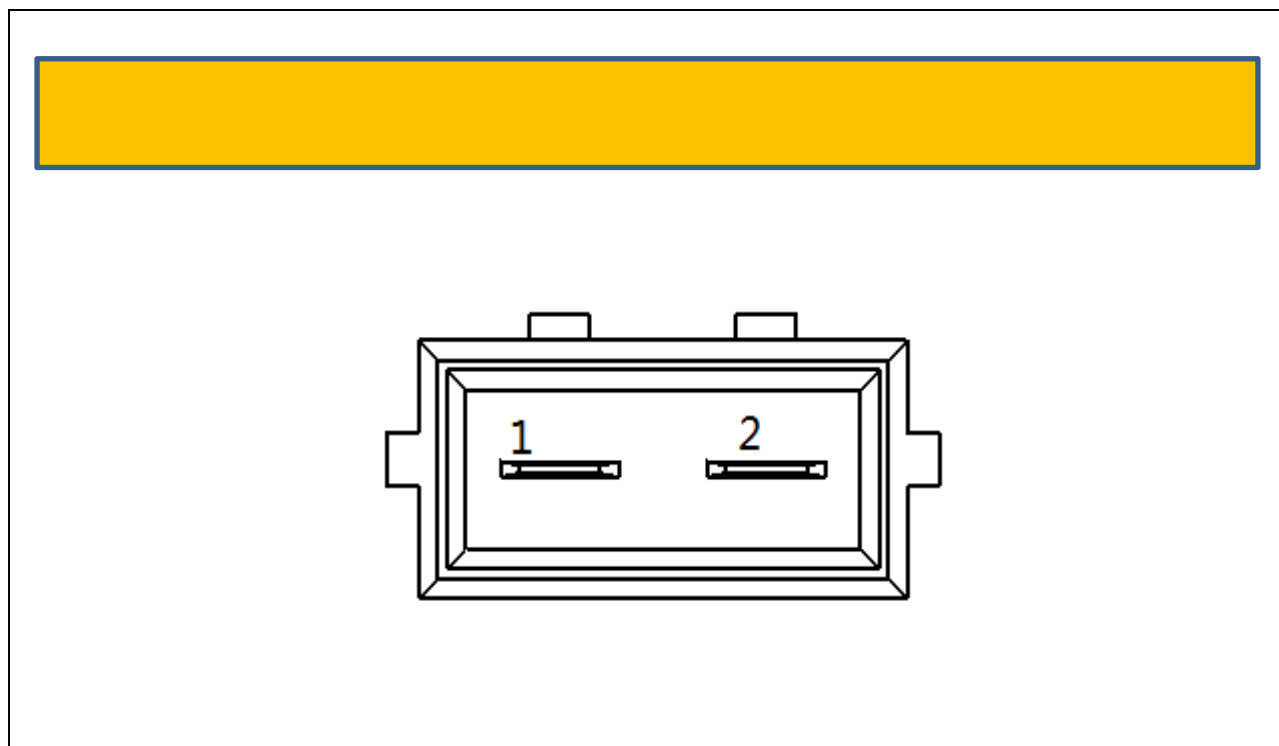


Pin Definition

Pin Number	Wire Size/Color	Function
1	Blue	Power supply
2	Red	Power supply
3		

Connector View

Connector Name	HORN
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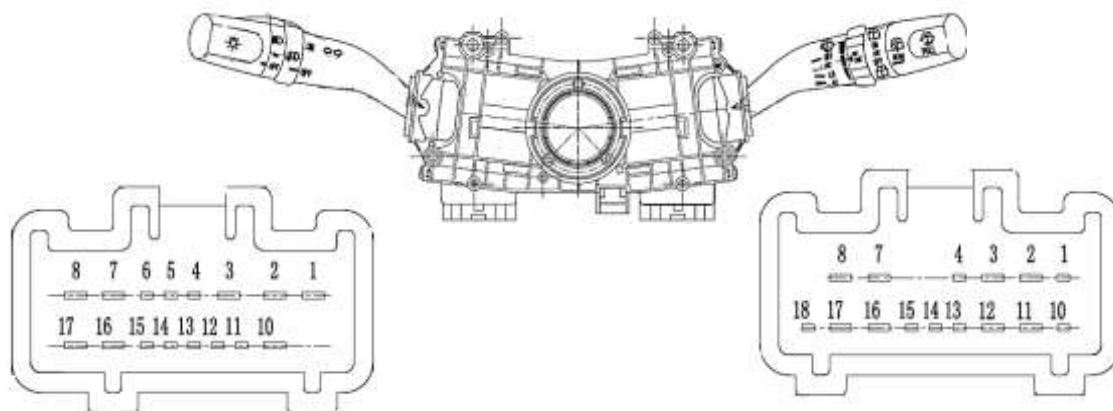
Pin Definition

Pin Number	Wire Size/Color	Function
1		CL.31
2		CL.15

Connector View

Connector Name

MULTIFUNCTION SWITCH



Connector A: Light

Connector B: Wiper/Washing

Pin Definition

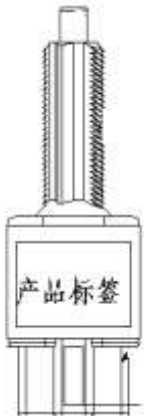
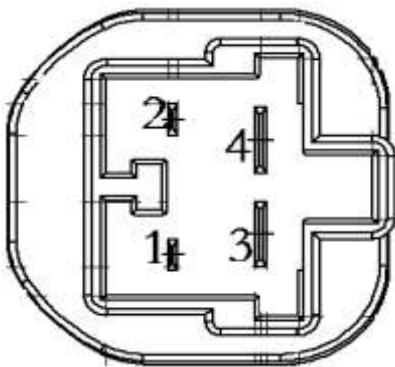
Connector A		
Pin Number	Wire Size/Color	Function
1	G	Left turn light
2	V	Power-turn light
3	G/R	Right turn light
4		
5		
6		
7	R/Y	High beam
8	R/W	Lamp flasher
9		
10	W/B	Cl.31
11	L	Front fog light
12		
13	R/Y	Head lamp
14	G/L	Position lamp
15		
16	W.B	Cl.31
17	R/G	Low lamp



Connector B		
Pin Number	Wire Size/Color	Function
1		
2	W/B	Cl.31
3		
4		
5		
6		
7	L/B	Low speed
8	L/O	High speed
9		
10	Lg/B	Rear wiper low
11	L	Front washing
12	W/G	Rear washing
13	Lg/R	Rear wiper inonet
14		
15		
16	L/B	Motor return power
17	L	Cl.15
18	G/R	



Connector View

Connector Name	BRAKE LIGHT SWITCH
 	

Pin Definition

Pin Number	Wire Size/Color	Function
1	W/G	Cl.15
2	G/B	Switch to ECU
3	G/W	Brake light switch to BCM
4	G/R	Cl.31
5		



SAIPA YADAK

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