

CABIN FAN HARNESS:

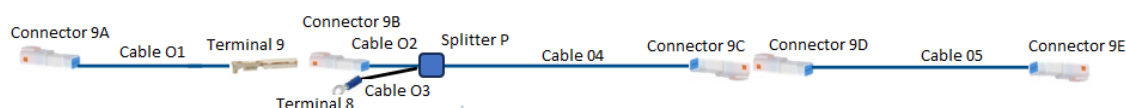


The wiring and connectors information is specified in the following tables:

CABIN FAN HARNESS, CONNECTORS								
Connector	Type (manufacturer's reference)	Poles	Component	Functions	Colour of wire	Belongs to connector pin	Input cable section Cu (AWG)	Maximum current (A)
6D	02R-JWPF-VSLE-S	2	FAN	Position	Brown	1	22	<3
				GND	Black	2	22	<3
Terminals 1	314-1312	2	FAN	Position	Brown	1	20	<3
				GND	Black	2	20	<3
CABIN FAN HARNESS, WIRES								
Wiring	Poles	Length (cm)	Component	Colour of wire	Functions	Input cable section Cu (AWG)	Maximum current (A)	Splitters connection
U1	2	9	Supply up	Brown	Position	22	<3	J
				Black	GND	22	<3	J
U3	3	145	Supply up	Brown	Position	22	<3	J,K
				Black	GND	22	<3	J,K
U5	2	12	FAN	Brown	Position	22	<3	K
				Black	GND	22	<3	

Terminals 1 refers to assembly only the specified terminals without any connector

CAMERA HARNESS:

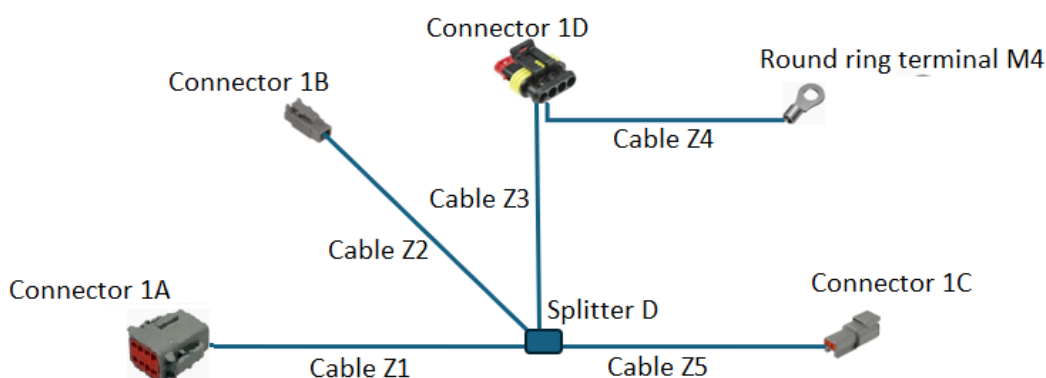


In this harness it is necessary to use a special cable, to avoid interferences in the camera signal, for this reason we want to use the **RG59 + DC COMBINED CABLE**. The consumption of the camera and the display is 0.2 Amperes, so we use 24AWG cables (with this section is enough).

The wiring and connectors information is specified in the following tables:

CAMERA HARNESS, CONNECTORS								
Connector	Type (manufacturer's reference)	Poles	Component	Functions	Colour of wire	Belongs to connector pin	Input cable section Cu (AWG)	Maximum current (A)
9A	03R-JWPF-VSLE-S	3	Display Camera	Position	Brown	1	24	0,3
				GND	Black	2	24	0,3
				Camera signal	Yellow	3	24	0,3
Terminal 9	SWPR-001T-P025	3	Display Camera	Position	Brown	-	24	0,3
				GND	Black	-	24	0,3
				Camera signal	Yellow	-	24	0,3
Connector 9B	03T-JWPF-VSLE-S	3	Camera	Position	Brown	1	24	0,3
				GND	Black	2	24	0,3
				Camera signal	Yellow	3	24	0,3
Terminal 8	323989	2	Supply camera	Position	Brown	1	24	0,3
				GND	Black	2	24	0,3
Connector 9C	03T-JWPF-VSLE-S	3	Camera	Position	Brown	1	24	0,3
				GND	Black	2	24	0,3
				Camera signal	Yellow	3	24	0,3
Connector 9D	03R-JWPF-VSLE-S	3	Camera	Position	Brown	1	24	0,3
				GND	Black	2	24	0,3
				Camera signal	Yellow	3	24	0,3
Connector 9E	03R-JWPF-VSLE-S	3	Camera	Position	Brown	1	24	0,3
				GND	Black	2	24	0,3
				Camera signal	Yellow	3	24	0,3
CAMERA HARNESS, WIRES								
Wiring	Poles	Length (cm)	Component	Colour of wire	Functions	Input cable section Cu (AWG)	Maximum current (A)	Splitters connection
O1	3	145	Display Camera	Brown	Position	24	0,3	-
				Black	GND	24	0,3	-
				Yellow	Camera signal	24	0,3	-
O2	1	10	Display Camera	Brown	Position	24	0,3	P
				Black	GND	24	0,3	
				Yellow	Camera signal	24	0,3	
O3	2	10	Display Camera	Brown	Position	24	0,3	P
				Black	GND	24	0,3	
O4	3	435	Camera	Brown	Position	24	0,3	P
				Black	GND	24	0,3	
				Yellow	Camera Signal	24	0,3	
O5	3	245	Camera	Brown	Position	24	0,3	-
				Black	GND	24	0,3	-
				Yellow	Camera signal	24	0,3	-

CAN HARNESS:



The wiring and connectors information is specified in the following tables:

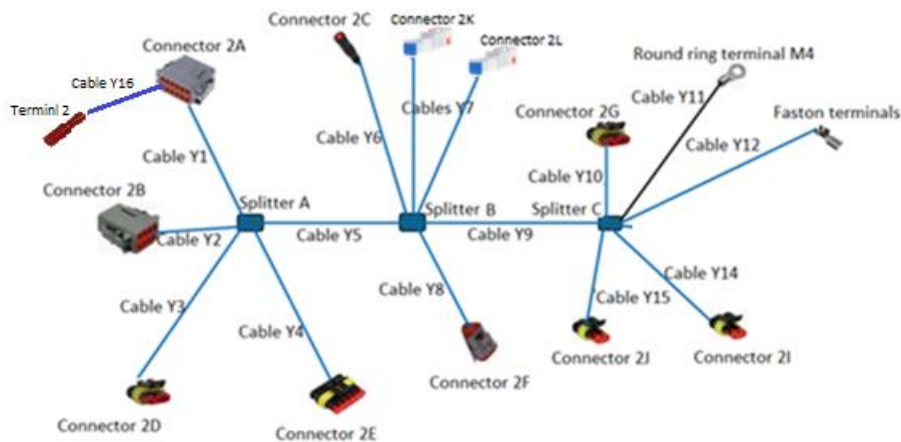
CAN HARNESS, CONNECTORS								
Connector	Type (manufacturer's reference)	Poles	Component	Belongs to connector pin	Functions	Colour of wire	Input cable section Cu (AWG)	Maximum current (A)
1A	Deutsch DTM06-8SA	8	Relay Box	1	CAN-H MANDO	White	24	<1
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				8	CAN-L MANDO	Brown	24	<1
1B	Deutsch DTM04-2P	2	Mando Motor Controller	1	CAN-H MANDO	White	24	<1
				2	CAN-L MANDO	Brown	24	<1
1C	Deutsch DTM06-2S	2	AVAS	1	CAN-H MANDO	White	24	<1
				2	CAN-L MANDO	Brown	24	<1
1D	282088-1	4	RC9 Buttons	1	+12V	Red	20	<1
				2	GND	Black	20	<1
				3	CAN-H MANDO	White	24	<1
				4	CAN-L MANDO	Brown	24	<1
Round ring terminal	151440	2	12V BUSBAR	M4 ring terminal insulated	GND	Black	20	<1
				M4 ring terminal insulated	+12V	Red	20	<1
CAN HARNESS, WIRES								
Wiring	Poles	Length (cm)	Component	Colour of wire	Functions	Input cable section Cu	Maximum current (A)	Splitters connection
Z1	2	34	CAN Gateway	White	CAN-H MANDO	24	<1	D
				Brown	CAN-L MANDO	24	<1	
Z2	2	19	CAN back	White	CAN-H MANDO	24	<1	D
				Brown	CAN-L MANDO	24	<1	
Z3	2	50	Can RC9	White	CAN-H MANDO	24	<1	D
				Brown	CAN-L MANDO	24	<1	
Z4	2	30	Supply RC9	Red	+12V	20	<1	D
				Black	GND	20	<1	
Z5	2	80	AVAS	White	CAN-H MANDO	24	<1	D
				Brown	CAN-L MANDO	24	<1	

Z1, Z2, Z3 and Z5 CAN cables are twisted pair, conductors: 7-wire strands of bare copper, insulation Polyethylene or PVC. For CAN-based communication systems such as CANopen. Flame retardant according to IEC 60332-1-2, temperature range from -40°C to +80°C.

Z4 power and control cable, PVC single core for field wiring. con certificación UL (MTW), Canadá CSA (TEW), Europa: H07V-K (as a function of the cross section)

FRONT LIGHT HARNESS:

cambiar imagen conector 2K y 2L



The wiring and connectors information is specified in the following tables:

FRONT LIGHT HARNESS, CONNECTORS								
Connector	Type (manufacturer's reference)	Poles	Component	Belongs to connector pin	Functions	Colour of wire	Input cable section Cu (AWG)	Maximum current (A)
2A	Deutsch DTM06-12SA	12	Relay Box	1	Blinker Left	White	20	<3
				2	Blinker right	Blue	20	<3
				3	Short	Pink	20	<2
				4	Brake	Green	20	<3
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				11	Reverse light	Red	20	<3
				12	Windshield wipers	Red	18	<7.5
2B	Deutsch DTM06-08SA	8	Relay Box	1	Position	Brown	20	<3
				2	Position	Brown	20	<3
				3	Position	Brown	18	<7.5
				4	Buzzer	Yellow	20	<3
				5	-	-	-	-
				6	-	-	-	-
				7	-	-	-	-
				8	-	-	-	-
2C	Z209BGP 00 A0 1000 Mini B	2	MANDO System	1	Signal Brake	Green	24	<1
				2	GND	Blue	24	<1
2D	Superseal 282087-1	3	Right front led	1	Position	Brown	20	<1
				2	GND	Black	20	<1
				3	Right blinker	Blue	20	<1
2E	Superseal 282090-1	6	Rear Harness	1	Position	Brown	20	<1
				2	GND	Black	18	<5
				3	Left blinker	White	20	<2
				4	Right blinker	Blue	20	<2
				5	Brake	Green	20	<2
				6	Reverse light	Red	20	<2
2F	DT06-3S	3	Central light	1	Position	Brown	20	<1
				2	GND	Black	20	<2
				3	Short	Pink	20	<2
2G	Superseal 282087-1	3	Left front light	1	Position	Brown	20	<2
				2	GND	Black	20	<2
				3	Left blinker	White	20	<2
2J	282080-1	2	USB	1	Position	Red	20	<2
				2	GND	Black	20	<2
2I	282080-1	2	UP	1	Position	Red	20	<2
				2	GND	Black	20	<2
2K	02R-JWPF-VSLE-S	2	Sensor Brake	1	Brake signal	Green	24	<1
				2	GND	Black	24	<1
2L	02R-JWPF-VSLE-S	2	Sensor Brake	1	Brake signal	Green	24	<1
				2	GND	Black	24	<1
Round ring terminal M4	323989	6	GND	-	GND	Black	20	<2
	171508-5	3		-	GND	Black	18	<5
Faston Terminals	160389-3	2	Horn	-	Supply Horn	Yellow	20	<2
				-	GND	Black	20	<2
Terminal 2	MC29422	1	Windshield wiper	-	Windshield wiper	Yellow	18	<7.5

FRONT LIGHT HARNESS, WIRES								
Wiring	Poles	Length (cm)	Component	Colour of wire	Functions	Input cable section Cu (AWG)	Maximum current (A)	Splitters connection
Y1	6	16	Relay Box	White	Blinker left	20	<2	A
				Blue	Blinker right	20	<2	
				Pink	Short light	20	<2	
				Green	Brake	20	<2	
				Red	Reverse	20	<2	
Y2	4	25	Relay Box	Brown	Position (Front light)	20	<3	A
				Brown	Position (Rear light)	20	<3	
				Brown	Position (USB+Fan)	18	<5	
				Yellow	Buzzer	20	<3	
Y3	3	12	Right blinker	Brown	Position	20	<1	A
				Black	GND	20	<1	
Y4	6	7	Rear light	Blue	Right blinker	20	<1	A
				Brown	Position	20	<3	
				Black	GND	18	<5	
				White	Left blinker	20	<3	
				Blue	Right blinker	20	<3	
				Green	Brake	20	<3	
				Red	Reverse light	20	<3	
Y5	11	11	Front light	Yellow	Buzzer	20	<2	A,B
				Red	Position (USB+Fan)	18	<3	
				Red	Position (USB+Fan)	18	<3	
				White	Left blinker (Front)	20	<3	
				Brown	Position (Front central light)	20	<1	
				Brown	Position (Front left light)	20	<1	
				Blue	Right blinker (Front)	20	<1	
				Pink	Short light	20	<1	
				Yellow	Speaker	20	<1	
				Black	GND (Right blinker light)	20	<1	
				Black	GND (Rear light)	18	<1	
				Green	Brake signal	22	<1	
Y6	2	16	MANDO brake sensor	Black	GND	22	<1	B
Y7	2	53	Brake sensor	Green	Brake signal	22	<1	B
				Black	GND	22	<1	
Y8	3	8	Central light	Pink	Short light	20	<2	B
				Brown	Position	20	<2	
				Black	GND	20	<2	
Y9	10	12	Front light	Red	Position (USB+Fan)	18	<3	B,C
				Red	Position (USB+Fan)	18	<4	
				Yellow	Buzzer	20	<3	
				Yellow	Speaker	20	<1	
				Black	GND (Rear light)	18	<5	
				Black	GND (Right blinker light)	20	<1	
				Black	GND (Central light)	20	<1	
				Black	Brake signal GND	20	<1	
				White	Left blinker (Front)	20	<1	
				Brown	Position (Left blinker)	20	<1	
Y10	3	6	Left light	Brown	Position	20	<1	C
				Black	GND	20	<1	
				White	Left blinker	20	<1	
Y11	9	24	GND's	Black	USB GND	18	<3	C
				Black	Buzzer GND	20	<2	
				Black	Left blinkers GND	20	<1	
				Black	Right blinkers GND	20	<1	
				Black	Central light GND	20	<2	
				Black	Fan GND	18	<3	
				Black	Speaker GND	20	<1	
				Black	Brake signal GND	20	<1	
				Black	Rear lights GND	18	<5	
Y12	2	33	Buzzer	Yellow	Signal Buzzer	20	<2	C
				Black	GND	20	<2	
Y14	2	15	Fan	Red	Supply Fan	18	<3	C
				Black	GND	18	<3	
Y15	2	15	USB	Red	Supply USB	18	<3	C
				Black	GND	18	<3	
Y16	1	20	Windshield wiper	Yellow	Windshield wipers	18	<7.5	-

Power and control cable, PVC single core for field wiring. con certification UL (MTW), Canada CSA (TEW), Europe: H07V-K (as a function of the cross section)

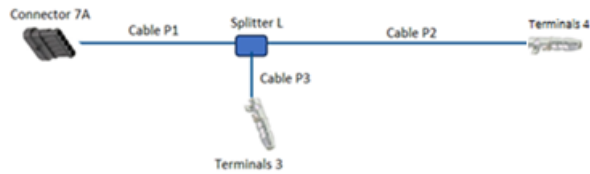
SUPPLY 12V RELAYS HARNESS:



The wiring and connectors information is specified in the following tables:

WIRING HARNESS SPECIFICATIONS, CONNECTORS								
Connector	Type (manufacturer's reference)	Poles	Component	Functions	Colour of wire	Belongs to connector pin	Input cable section Cu (AWG)	Maximum current (A)
4A	DTM06-12SA	10	Supply Gateway	Supply	Black	1	20	<2
				-	-	-	-	-
				Relay E (Horn)	Red	3	20	<2
				Relay F (Break)	Red	4	20	<3
				Relay G (Reverse)	Red	5	20	<2
				Relay H (Windshield wipers)	Red	6	18	<7.5
				Relay D (Short light)	Red	7	20	<2
				Relay C (Right blinker)	Red	8	20	<2
				Relay B (Left blinker)	Red	9	20	<2
				Relay A (Position)	Red	10	18	<7.5
-	-	-	-	-				
Round ring terminal M4	323989	8	Fuses Box	Supply	Red	-	20	<2
	323989	1		GND	Black	-	20	<1
	171508-5	1		Supply	Red	-	18	<5
	WIRING HARNESS SPECIFICATIONS, CABLE							
Wiring	Poles	Length (cm)	Component	Functions	Colour of wire	Input cable section Cu (AWG)	Maximum current (A)	Splitters connection
W4	10	70	Supply Gateway	GND	Black	20	<2	G,H
				Relay E (Horn)	Red	20	<2	G,H
				Relay F (Break)	Red	20	<3	G,H
				Relay G (Reverse light)	Red	20	<2	G,H
				Relay H (Windshield wipers)	Red	18	<7.5	G,H
				Relay D (Short light)	Red	20	<2	G,H
				Relay C (Right blinker)	Red	20	<2	G,H
				Relay B (Left blinker)	Red	20	<2	G,H
				Relay A (Position)	Red	18	<7.5	G,H
				Supply	Red	20	<2	G,H
W5	10	16	Supply Gateway	GND	Black	20	<2	H
				Relay E (Horn)	Red	20	<2	H
				Relay F (Break)	Red	20	<3	H
				Relay G (Reverse light)	Red	20	<2	H
				Relay H (Windshield wipers)	Red	18	<7.5	H
				Relay D (Short light)	Red	20	<2	H
				Relay C (Right blinker)	Red	20	<2	H
				Relay B (Left blinker)	Red	20	<2	H
				Relay A (Position)	Red	18	<7.5	H
				Supply	Red	20	<2	H
W1	8	4	Supply Gateway	Relay E (Horn)	Red	20	<2	G
				Relay F (Break)	Red	20	<3	G
				Relay G (Reverse light)	Red	20	<2	G
				Relay H (Windshield wipers)	Red	18	<7.5	G
				Relay D (Short light)	Red	20	<4	G
				Relay C (Right blinker)	Red	20	<4	G
				Relay B (Left blinker)	Red	20	<4	G
				Relay A (Position)	Red	18	<7.5	G
W2	1	4	Supply Gateway	GND	Black	20	<2	G
W3	1	4	Supply Gateway	Supply	Red	20	<2	G

- LEFT TAIL LIGHT HARNESS:



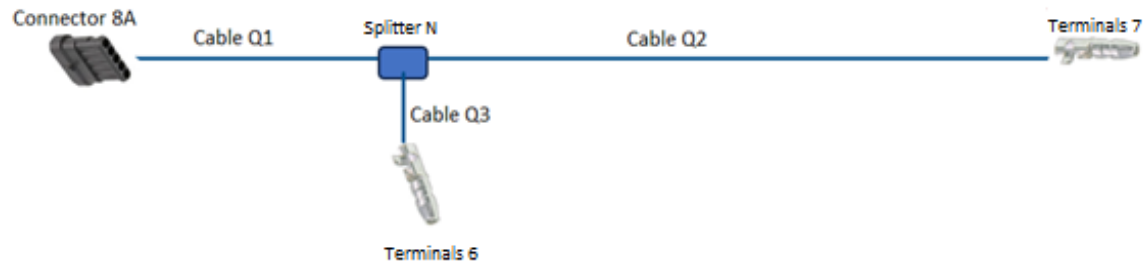
The wiring and connectors information is specified in the following tables:

WIRING HARNESS SPECIFICATIONS, CONNECTORS								
Connector	Type	Poles	Component	Functions	Colour of	Belongs to	Input cable	Maximum
7A	282108-1	6	Supply left rear lights	Position	Brown	1	20	<2
				GND	Black	2	20	<2
				Left blinkers	White	3	20	<2
				Brake	Green	4	20	<2
				Reverse lights	Red	5	20	<2
				-	-	-	-	-
Terminals 3	MC29456	5	Left lower headlight	Position	Brown	-	20	<2
				GND	Black	-	20	<2
				Left blinkers	White	-	20	<2
				Brake	Green	-	20	<2
				Reverse lights	Red	-	20	<2
Terminals 4	MC29456	5	Top left headlights	Position	Brown	-	20	<2
				GND	Black	-	20	<2
				Left blinkers	White	-	20	<2
				Brake	Green	-	20	<2
				Reverse lights	Red	-	20	<2
WIRING HARNESS SPECIFICATIONS, CABLE								
Wiring	Poles	Length (cm)	Component	Functions	Colour of wire	Input cable section Cu (AWG)	Maximum current (A)	Splitters connection
P1	6	90	Supply left rear lights	Position	Brown	20	<2	L
				GND	Black	20	<2	
				Left blinkers	White	20	<2	
				Brake	Green	20	<2	
				Reverse lights	Red	20	<2	
P2	6	120	Top left headlights	Signal camera	Yellow	22		L,M
				Position	Brown	20	<2	
				GND	Black	20	<2	
				Left blinkers	White	20	<2	
				Brake	Green	20	<2	
Reverse lights	Red	20	<2					
P3	5	11	Left lower headlights	Position	Brown	20	<2	L
				GND	Black	20	<2	
				Left blinkers	White	20	<2	
				Brake	Green	20	<2	
				Reverse lights	Red	20	<2	
P4	5	11	Top left headlights	Position	Brown	20	<2	M
				GND	Black	20	<2	
				Left blinkers	White	20	<2	
				Brake	Green	20	<2	
				Reverse lights	Red	20	<2	



Terminal 3, 4, 5, manufacturer's reference: MC29456

- RIGHT TAIL LIGHT HARNESS:



The wiring and connectors information is specified in the following tables:

WIRING HARNESS SPECIFICATIONS, CONNECTORS								
Connector	Type (manufacturer's reference)	Poles	Component	Functions	Colour of wire	Belongs to connector pin	Input cable section Cu (AWG)	Maximum current (A)
8A	282107-1	5	Supply left rear lights	Position	Brown	1	20	<2
				GND	Black	2	20	<2
				Left blinkers	White	3	20	<2
				Brake	Green	4	20	<2
				Reverse lights	Red	5	20	<2
Terminals 6	MC29456	5	Top left headlights	Position	Brown	1	20	<2
				GND	Black	2	20	<2
				Left blinkers	White	3	20	<2
				Brake	Green	4	20	<2
				Reverse lights	Red	5	20	<2
Terminals 7	MC29456	5	Top left headlights	Position	Brown	1	20	<2
				GND	Black	2	20	<2
				Left blinkers	White	3	20	<2
				Brake	Green	4	20	<2
				Reverse lights	Red	5	20	<2

WIRING HARNESS SPECIFICATIONS, CABLE								
Wiring	Poles	Length (cm)	Component	Functions	Colour of wire	Input cable section Cu (AWG)	Maximum current (A)	Splitters connection
Q1	5	90	Supply right rear lights	Position	Brown	20	<2	N
				GND	Black	20	<2	
				Right blinkers	Blue	20	<2	
				Brake	Green	20	<2	
				Reverse lights	Red	20	<2	
Q2	5	130	Top right headlights	Position	Brown	20	<2	N
				GND	Black	20	<2	
				Right blinkers	Blue	20	<2	
				Brake	Green	20	<2	
				Reverse lights	Red	20	<2	
Q3	5	11	Right lower headlights	Position	Brown	20	<2	N
				GND	Black	20	<2	
				Right blinkers	Blue	20	<2	
				Brake	Green	20	<2	
				Reverse lights	Red	20	<2	



Terminal 6, 7, manufacturer's reference: MC29456

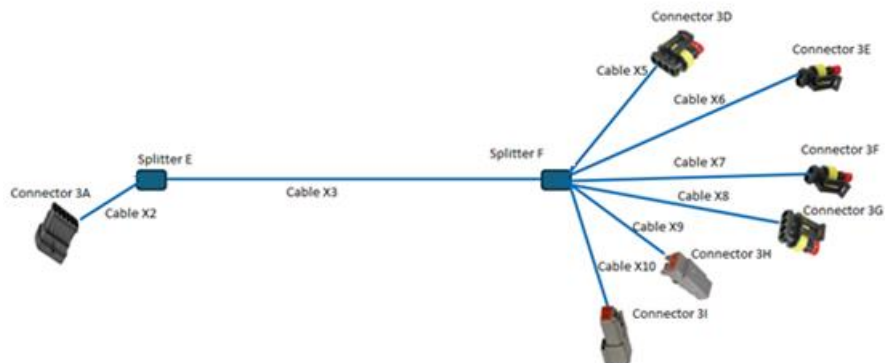
BEAM HARNESS:

This harness consists of several harnesses:

- Rear light harness.
- Can +48V.
- Front harness

The Beam Cable must be protected by corrugated tube and taped with cloth tape to protect it. Next, I specify the cables that form the beam harness.

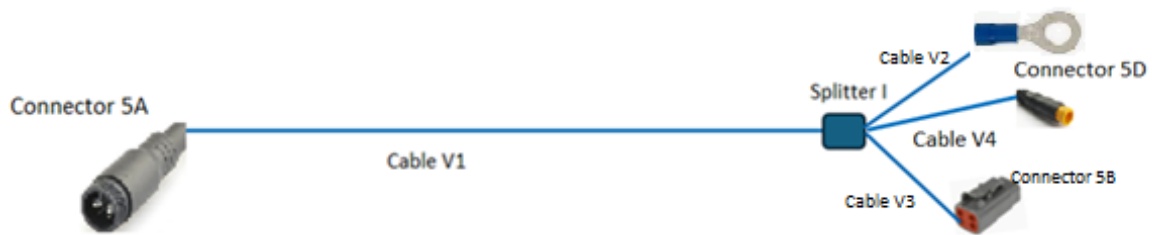
REAR LIGHT HARNESS:



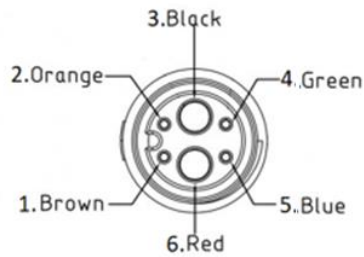
The wiring and connectors information is specified in the following tables:

REAR LIGHTS HARNESS, CONNECTORS								
Connector	Type (manufacturer's reference)	Poles	Component	Functions	Colour of wire	Belongs to connector pin	Input cable section Cu (AWG)	Maximum current (A)
3A	282108-1	6	Rear light	Position	Brown	1	20	<3
				GND	Black	2	18	<5
				Left blinker	White	3	20	<3
				Right blinker	Blue	4	20	<3
				Brake	Green	5	20	<3
				Reverse light	Red	6	20	<3
3D	282089-1	5	Right rear light	Position	Brown	1	20	<2
				GND	Black	2	20	<2
				Right blinker	Blue	3	20	<2
				Brake	Green	4	20	<2
				Reverse light	Red	5	20	<2
3E	282080-1	2	Backwards	Reverse light	Red	1	20	<1
				Black	Black	2	20	<1
3F	282080-1	2	Backwards	Reverse light	Red	1	20	<1
				GND	Black	2	20	<1
3G	282090-1	6	Left rear light	Position	Brown	1	20	<2
				GND	Black	2	20	<2
				Left blinker	White	3	20	<2
				Brake	Green	4	20	<2
				Reverse light	Red	5	20	<2
				-	-	-	-	-
3H	DTM06-2S	2	Brake light	Brake	Green	1	20	<1
				GND	Black	2	20	<1
3I	DT06-2S	2	Light box	Position	Brown	1	20	<2
				GND	Black	2	20	<2
REAR LIGHTS HARNESS, WIRES								
Wiring	Poles	Length (cm)	Component	Colour of wire	Functions	Input cable section Cu (AWG)	Maximum current (A)	Splitters connection
X2	6	7	Rear lights	Brown	Position	20	<3	E
				Black	GND	18	<5	
				White	Left blinker	20	<3	
				Blue	Right blinker	20	<3	
				Green	Brake	20	<3	
				Red	Reverse light	20	<3	
X3	6	400	Rear lights	Brown	Position	20	<3	E,F
				Black	GND	18	<5	
				White	Left blinker	20	<3	
				Blue	Right blinker	20	<3	
				Green	Brake	20	<3	
				Red	Reverse light	20	<3	
X5	5	20	Right rear light	Brown	Position	20	<1	F
				Black	GND	20	<1	
				Blue	Right blinker	20	<1	
				Green	Brake	20	<1	
				Red	Reverse light	20	<1	
X6	2	20	Backwards	Red	Reverse light	20	<1	F
				Black	GND	20	<1	
X7	2	20	Backwards	Red	Reverse light	20	<1	F
				Black	GND	20	<1	
X8	5	20	Left rear light	Brown	Position	20	<1	F
				Black	GND	20	<1	
				White	Left blinker	20	<1	
				Green	Brake	20	<1	
				Red	Reverse light	20	<1	
X9	2	20	Brake light	Green	Brake	20	<1	F
				Black	GND	20	<1	
X10	2	20	Light box	Brown	Position	20	<1	F
				Black	GND	20	<1	

- **CAN +48V**



The wiring and connectors information is specified in the following tables:

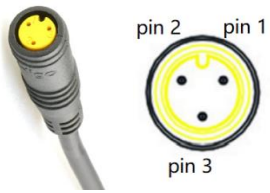


L615AG P. Connector 5A.

WIRING HARNESS SPECIFICATIONS, CABLE								
Wiring	Poles	Length (cm)	Component	Functions	Colour of wire	Input cable section Cu (AWG)	Maximum current (A)	Splitters connection
V1	6	200	Motorcontroller	Signal Gear	Brown	24	<1	I
				Signal Gear	Orange	24	<1	
				GND	Black	12	<15	
				Can_H MANDO	Green	24	<1	
				Can_L MANDO	Blue	24	<1	
				Supply	Red	12	<15	
V2	2	30	DC-DC	Supply	Red	12	<15	I
				GND	Black	12	<15	
V3	2	30	Gateway	Can_H MANDO	Green	24	<1	I
				Can_L MANDO	Blue	24	<1	
V4	4	30	Gateway	Signal Gear	Brown	24	<1	I
				Signal Gear	Orange	24	<1	

WIRING HARNESS SPECIFICATIONS, CONNECTORS								
Connector	Type (manufacturer's reference)	Poles	Component	Functions	Colour of wire	Belongs to connector pin	Input cable section Cu (AWG)	Maximum current (A)
5A	L615AG P	6	Motorcontroller	Signal Gear	Brown	1	24	<1
				Signal Gear	Orange	2	24	<1
				GND	Black	3	12	<15
				Can_H MANDO	Green	4	24	<1
				Can_L MANDO	Blue	5	24	<1
				Supply	Red	6	12	<15
5B	DTM06-2S	2	Gateway	Can_H MANDO	Green	3	24	<1
				Can_L MANDO	Blue	4	24	<1
Round ring terminal	PV12-8HDR-L	2	DC-DC	48	Red	1	12	<15
				GND	Black	2	12	<15
5D	Z309BG P 00 A1 1000	3	Gateway	Signal Gear	Brown	1	24	<1
				Signal Gear	Orange	2	24	<1
				-		3		

Power and control cable, PVC single core for field wiring. with certification UL (MTW), Canada CSA (TEW), Europa: H07V-K (as a function of the cross section)



Connector 5D

- **FRONT HARNESS**

HIGO CONNECTOR cable supplied by us.