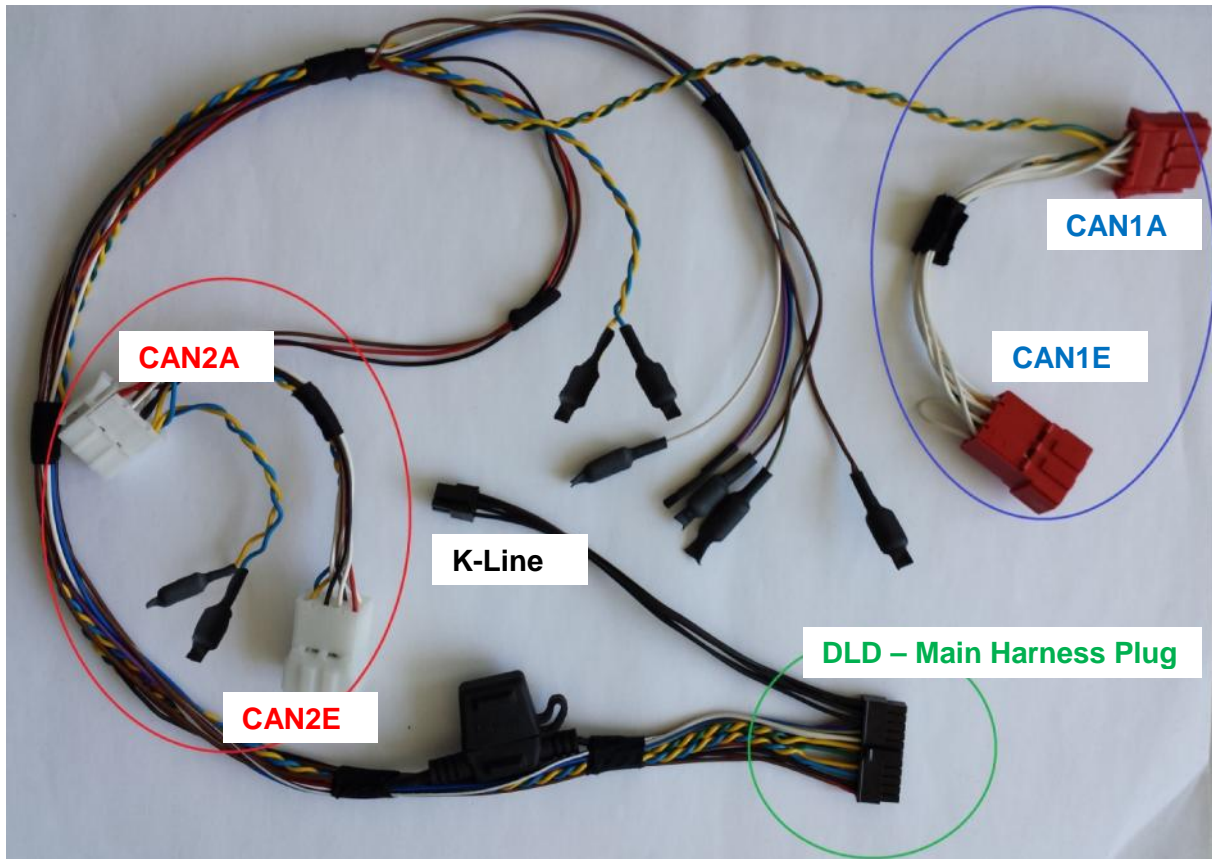# Continental

Y-Harness / DLD SR II - Quick-Installation-Harness

Part Number Continental: A2C59507605

This Harness is technically based on the DLD-SR II Main Harness A2C93232800. It looks as following image will show.

CAN 2
CAN 1
DLD – Main Harness Plug

The idea of the Y-Harness is to improve capability of installing a DLD much faster and easier than ever before. With this cable, it's possible to save a lot of installation time, because of the fact that it's not necessary anymore to connect manually cables among the devices. Now the devices can be linked easily by just putting the plugs into devices.

NOTE: The Cables CAN1L with CAN1H and CAN2L with CAN2H shall be twisted.

The harness needs beside the existing plugs of the standard DLD-R II Main Harness 4 additional plugs including their pins:

> 1 x   CAN1A – DTCO C Connector Male
> connector housing   8P 2R RD (AMP 937 367)
> 927367-1 Timer Connector 8P MIN D-Flachf Geh

> 1 x   CAN1E – DTCO C Connector Female
> connector housing   (AMP 969 191 3-B-)

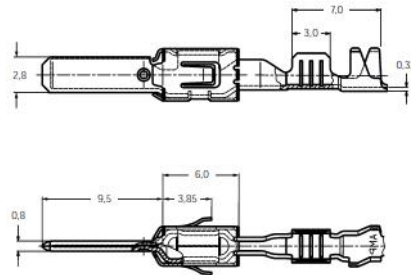> 1 x   CAN2A – DTCO A Connector Male

connector housing   (AMP 927 365)
927365-1 Timer Connector 8P MIN D-Flachf Geh

1 x   CAN2E – DTCO A Connector Female
connector housing   (AMP 969 191 1-B-)

8 x   Timer Contacts Junior-Timer Female (as used also in A2C59515002)
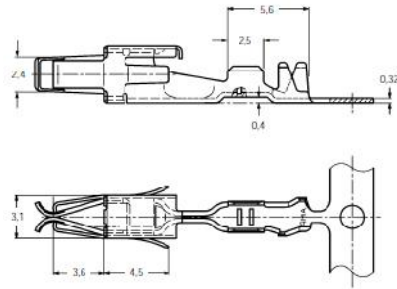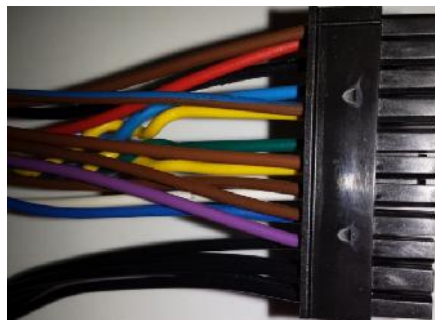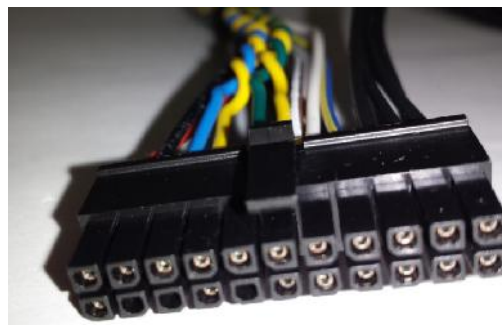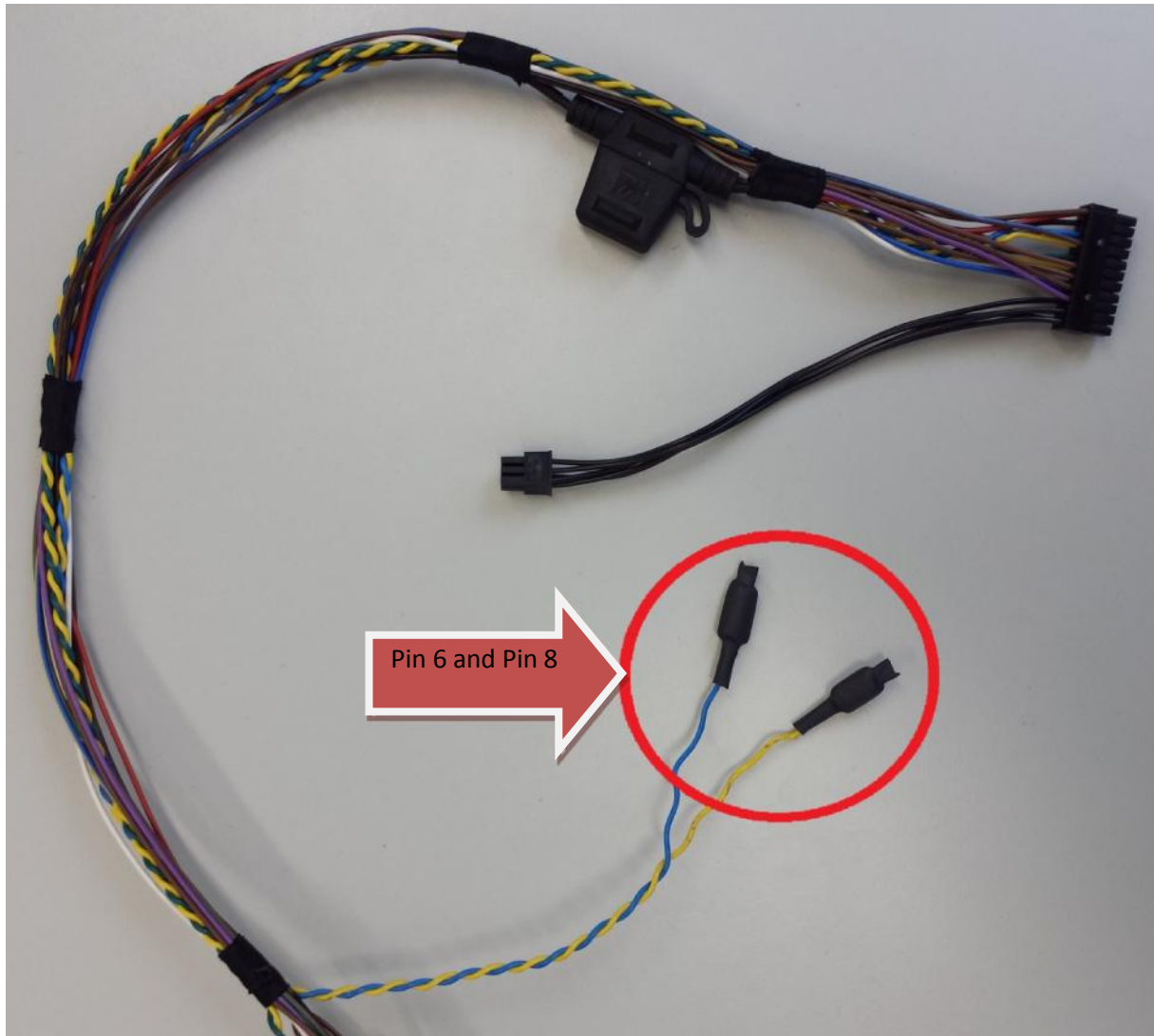

8 x   Timer Contacts Junior-Timer Male (as used also in A2C59515002)

DLD Main Harness Plug

This is the main plug of the Harnes, which function is to deliver power and data information. It's plugged at the end of the DLD and remains unchanged compared to the standard main harness of DLD-SR II.

![Continental logo]

Pin 6 and Pin 8

From DLD Main Harness Plug						
Pin	To End-Plug (EP)	Pin-EP	Cable-Colour	Name	Description	Cable-Length (mm)
1	CAN2A	6	Brown	Ground		800
2	CAN2A	1	Red	Power	30	800
3	AC GND	6	Black	AC GND		170
4	CAN2A	3	Black	Ignition	15	800
5						
6	CAN2A	8	Blue	CAN2L	Twisted with Yellow Cable Isolated at cutted point	800
7	No-End		Brown-Blue			
8	CAN2A	4	Yellow	CAN2H	Twisted with Blue-Cable Isolated at cutted point	800
9						
10	CAN1A	7	Green	CAN1L	Twisted with Yellow Cable	800
11	No-End		Brown-Green			800
12	CAN1A	5	Yellow	CAN1H	Twisted with Green Cable	800
13	No-End		Brown-White			800
14	No-End		White			800

| 15	No-End		Brown		800
16	No-End		Blue-Yellow		800
17	No-End		Violett		800
18	K-Line	5	Black	Front power	170
19	K-Line	2	Black	K-Line GND	170
20	K-Line	1	Black	K-Line	170
21	K-Line	4	Black	RS232-TX	170
22	K-Line	3	Black	RS232-RX	170

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CAN 1 Harness
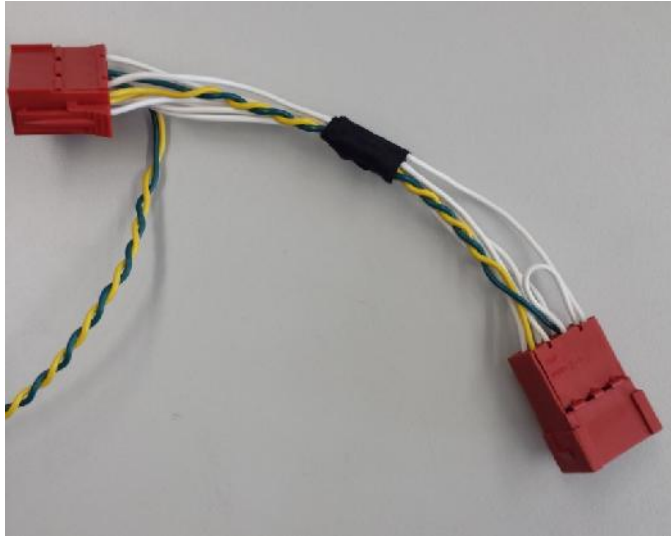
Those two plugs are connected with the DLD-Plug. The usage of the cable is to deliver data between the tachograph and the vehicle.

CAN1A Plug
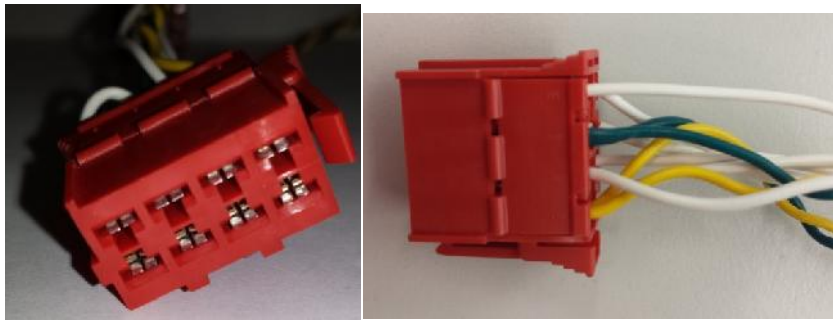
From CAN1A						
Pin	To End-Plug (EP)	Pin-EP	Cable-Colour	Name	Description	Cable-Length (mm)
1	CAN1E	1	White			150
2	CAN1E	2	White			150
3	CAN1E	3	White			150
4	CAN1E	4	White			150
5	CAN1E	5	Yellow	CAN1H	Twisted with Green-Cable 1	150
5	DLD-Plug	12	Yellow	CAN1H	Twisted with Green-Cable 2	800
6	CAN1E	6	White			150
7	CAN1E	7	Green	CAN1L	Twisted with Yellow-Cable 1	150
7	DLD-Plug	10	Green	CAN1L	Twisted with Yellow-Cable 2	800
8	CAN1E	8	White			150

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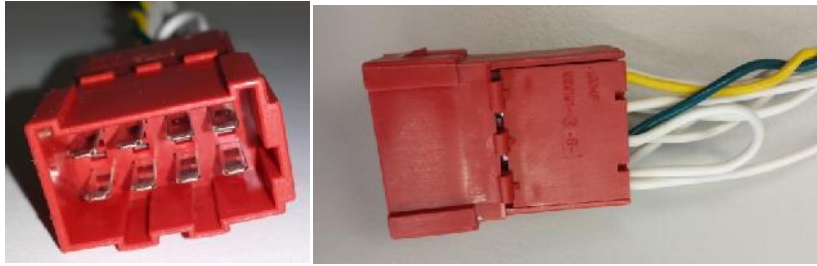
CAN1E Plug

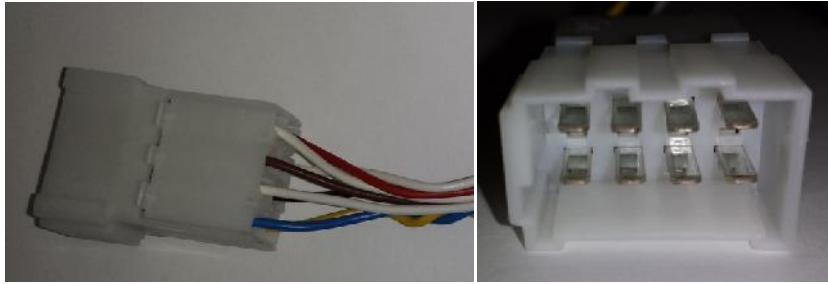| From CAN1E						
Pin	To End-Plug (EP)	Pin-EP	Cable-Colour	Name	Description	Cable-Length (mm)
1	CAN1A	1	White			150
2	CAN1A	2	White			150
3	CAN1A	3	White			150
4	CAN1A	4	White			150
5	CAN1A	5	Yellow	CAN1H	Twisted with Green-Cable	150
6	CAN1A	6	White			150
7	CAN1A	7	Green	CAN1L	Twisted with Yellow-Cable	150
7	CAN1E	8	White	Bridge		50
8	CAN1A	8	White			150
8	CAN1E	7	White	Bridge		50

CAN 2 Harness
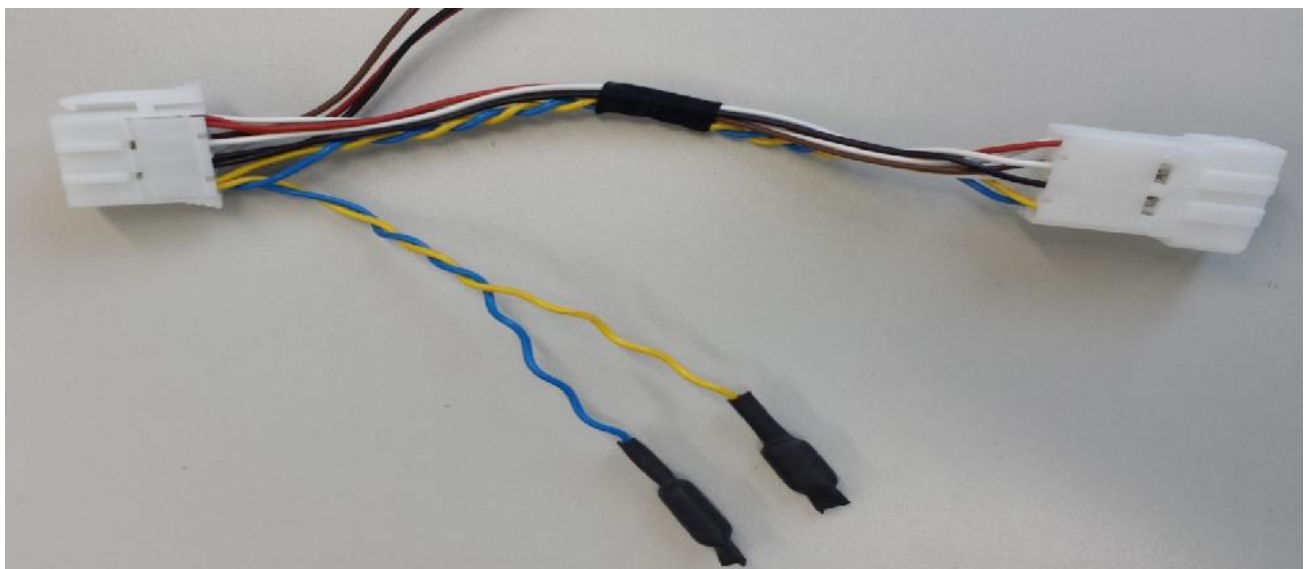
Both of the plugs have nearly the same functions as the plugs from CAN 1. Their primary task is to deliver data between vehicle and tachograph. Additional to the CAN 1, it also delivers power, ignition and ground.

![Continental logo]
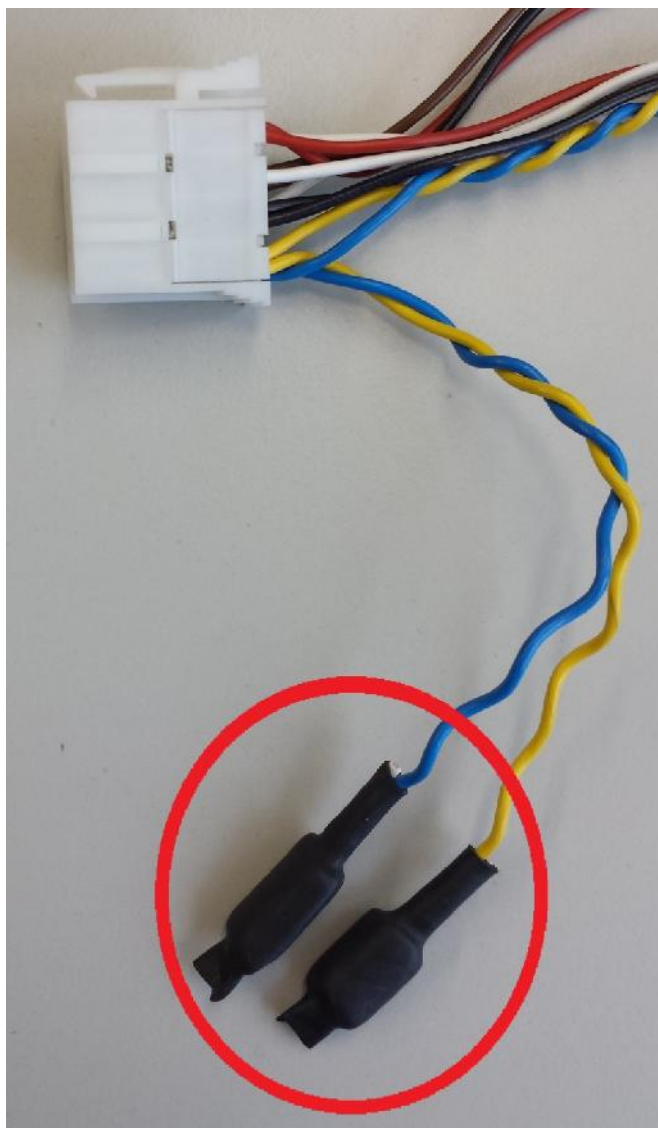
CAN2A Plug

From CAN2A						
Pin	To End-Plug (EP)	Pin-EP	Cable-Colour	Name	Description	Cable-Length (mm)
1	CAN2E	1	Red	Power	30	150
1	DLD-Plug	2	Red	Power	30	800
2	CAN2E	2	White			150
3	CAN2E	3	Black	Ignition	15	150
3	DLD-Plug	4	Black	Ignition	15	800
4	CAN2E	4	Yellow	CAN2H	Twisted with Blue-Cable 1	150
4	DLD-Plug	8	Yellow	CAN2H	Twisted with Blue-Cable 2	cutted and isolated at 100
5	CAN2E	5	White			150
6	CAN2E	6	Brown	Ground		150
6	DLD-Plug	1	Brown	Ground		800
7	CAN2E	7	White			150
8	CAN2E	8	Blue	CAN2L	Twisted with Yellow-Cable 1	150
8	DLD-Plug	6	Blue	CAN2L	Twisted with Yellow-Cable 2	cutted and isolated at 100

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CAN2E - Plug

From CAN2E					
Pin	To End-Plug (EP)	Pin-PE	Cable-Colour	Name	Description	Cable-Length (mm)
1	CAN1A	1	Red	Power	30	150
2	CAN1A	2	White			150
3	CAN1A	3	Black	Ignition	15	150
4	CAN1A	4	Yellow			150
5	CAN1A	5	White			150
6	CAN1A	6	Brown	Ground		150
7	CAN1A	7	White			150
8	CAN1A	8	Blue			150