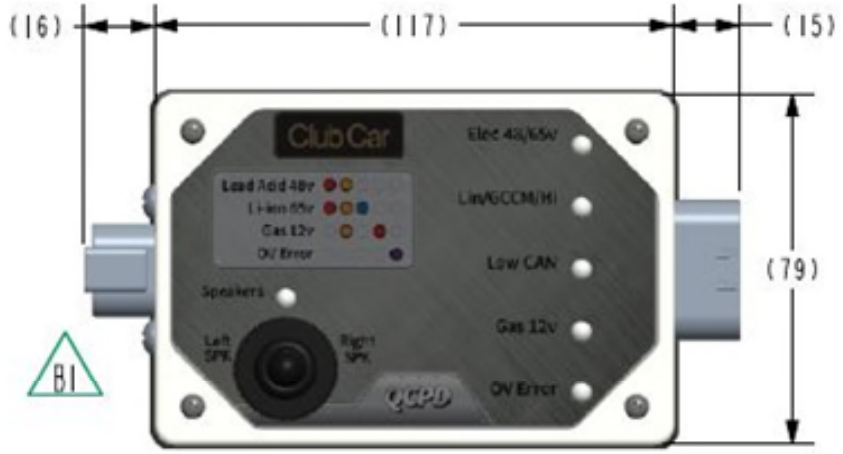
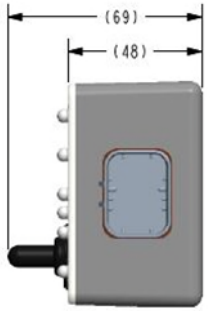
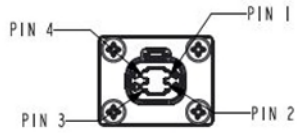
QCPD (Cupid) Training

•Golf Fleet & Consumer



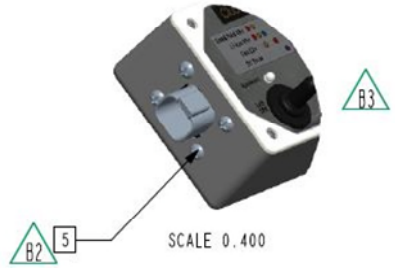




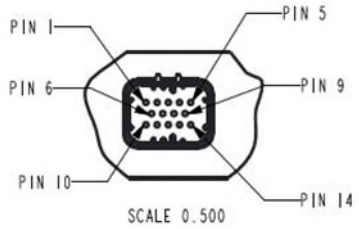
SCALE 0.500

B6 4 PIN CONNECTOR(47756747) PINOUT TABLE

PIN	TERMINAL
PIN 1	GND
PIN 2	POS
PIN 3	LOW CAN
PIN 4	LIN/ HIGH CAN



SCALE 0.400

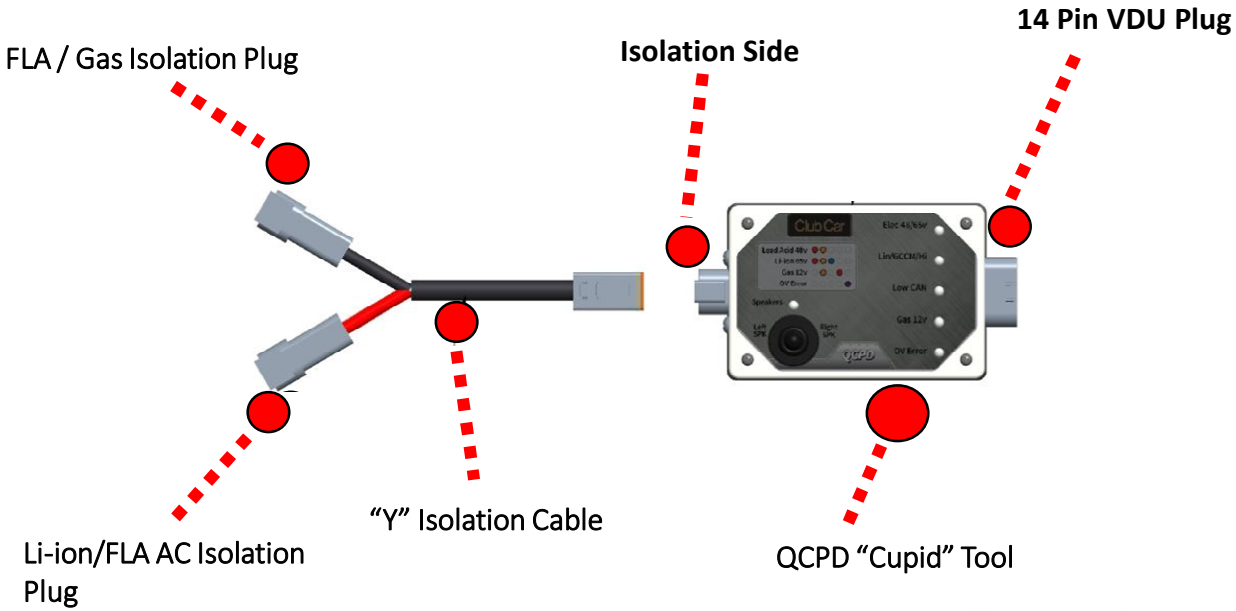


SCALE 0.500

14 PIN CONNECTOR PINOUT TABLE

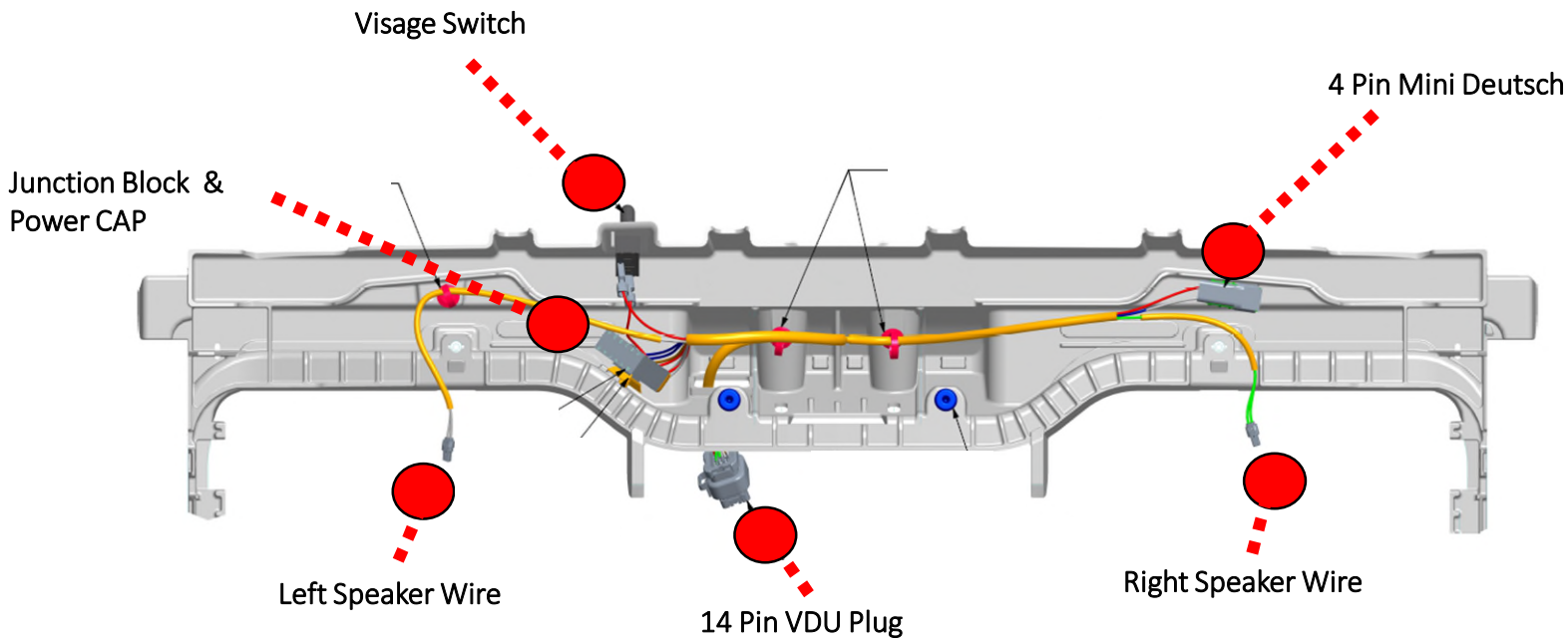
PIN	TERMINAL
PIN 1	HIGH CAN
PIN 2	L SPEAKER (-)
PIN 3	L SPEAKER (+)
PIN 4	R SPEAKER (+)
PIN 5	R SPEAKER (-)
PIN 6	LOW CAN
PIN 7	LIN (12-14V)
PIN 8	--
PIN 9	GND
PIN 10	--
PIN 11	--
PIN 12	POWER 12V DC
PIN 13	GND
PIN 14	POWER (48-52V)

QCPD “Cupid” Kit

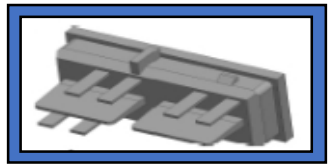
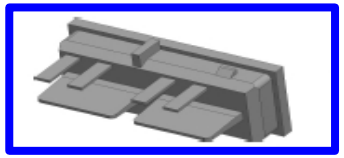
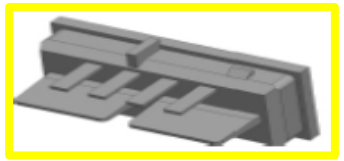
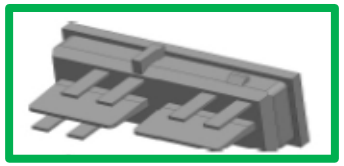


QTY	PART NO.	DESCRIPTION
1	47714421001	QCPD, Box
1	47714338001	Harness Y Isolation Cable
1	47725576001	Installers QCPD Kit

Visage Console Harness



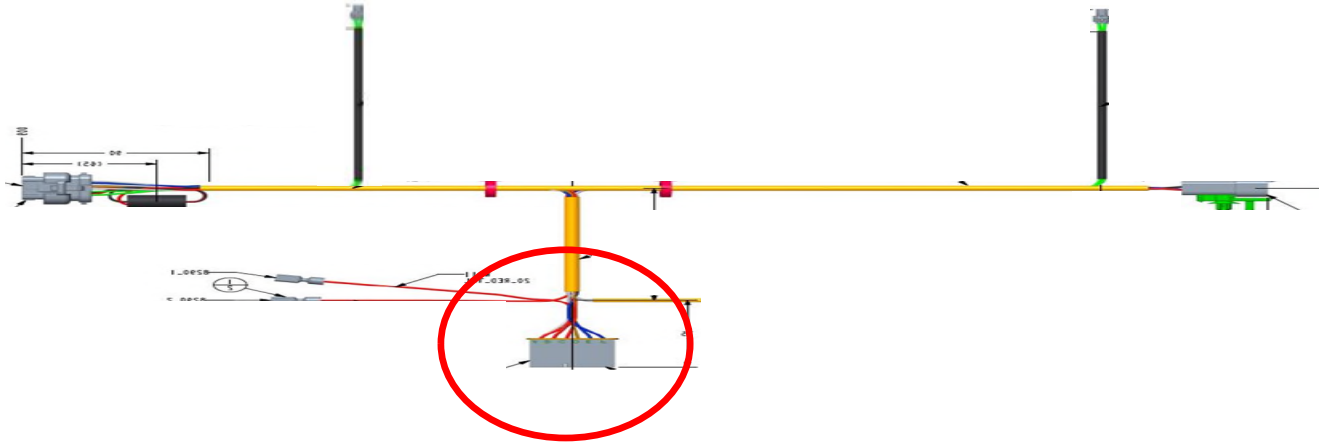
Junction Block Cap Configuration

	Li-ion Cars	47631293001 48V FLA-DC (White)	CAN – Controller Area Network
	FLA DC Cars	47631293002 48V FLA-DC (Blue)	LIN – Local Interconnect Network
	Gas	47631293003 12V Gas (Yellow)	LIN – Local Interconnect Network
	Onward HP FLA / AC Cars	47631293004 12V FLA-DC Green	CAN – Controller Area Network

Console Harness Junction Block

4) Location: Screen

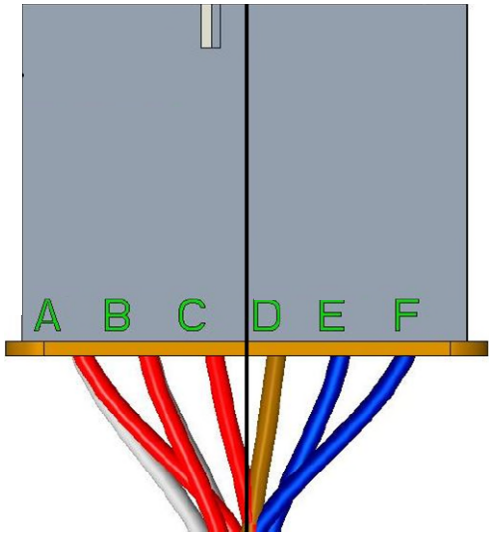
- Pin 1: CAN High – White
- Pin 2: L Speaker (-) – Gray
- Pin 3: L Speaker (+) – Gray/Black
- Pin 4: R Speaker (+) – Green/White
- Pin 5: R Speaker (-) – Green
- Pin 6: CAN Low – Blue
- Pin 7: LIN – Brown
- Pin 12: 12v – Red/White
- Pin 13: Ground – Black
- Pin 14: 48v/58v Power – Red



B – Red wire from strut.
BA – Red 48v/58v to (Pin 14)
BC – Red/White 12v to (Pin 12)

E - Blue wire from strut.
ED - Brown LIN to (Pin 7)
EF - Blue Low CAN (Pin 6)

H – White wire from strut
G – White High CAN (Pin 1)

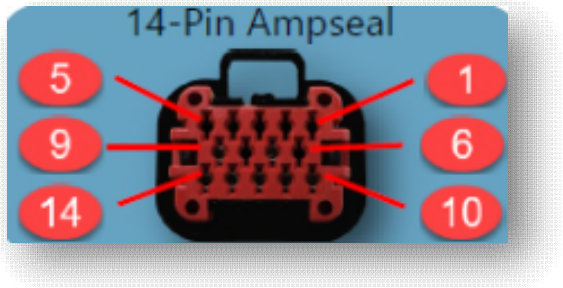


Ampseal Plugs – Visage vs Trident

•Golf Fleet & Consumer

Pin Allocation on 14 Pin Ampseal

- Pin 1: White High CAN (2.5v – 4.5v)
- Pin 2: L Speaker (-) Gray
- Pin 3: L Speaker (+) Gray/Black
- Pin 4: R Speaker (-) Green
- Pin 5: R Speaker (+) Green/Black
- Pin 6: Low CAN Blue (1.0v - 2.5v)
- Pin 7: LIN Brown
- Pin 8: Open
- Pin 9: GND - Black
- Pin 10: OBC / Open / Brown
- Pin 11: Open
- Pin 12: 12v – Red/White
- Pin 13: GND - Black
- Pin 14: 48v/58v - Red

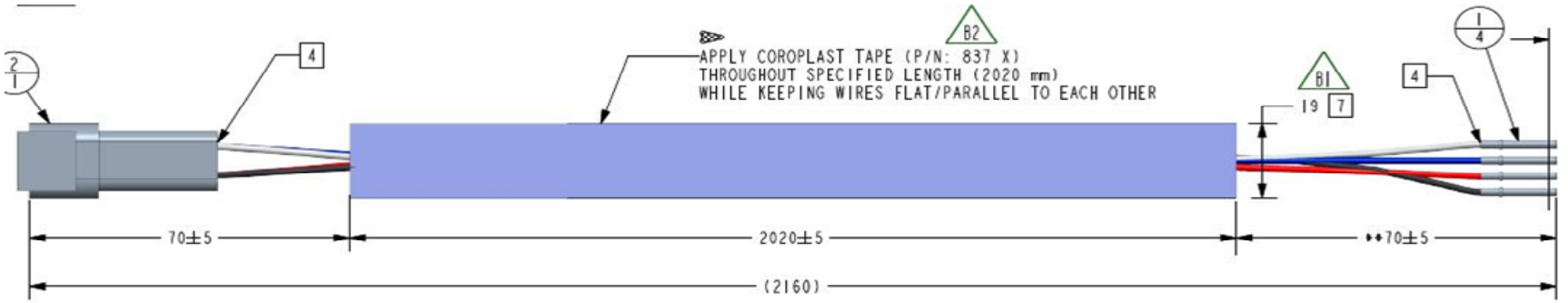


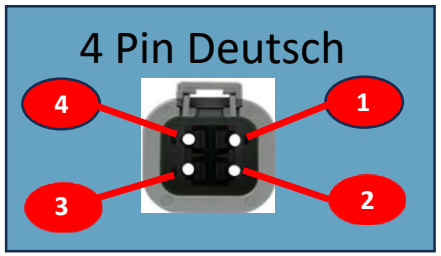
Trident 23 Pin Ampseal

Pin Allocation on 23 Pin Ampseal

- Pin 1: Low CAN Blue (1.0v - 2.5v)
- Pin 2: White High CAN (2.5v – 4.5v)
- Pin 3: Open
- Pin 4: Open
- Pin 5: Open
- Pin 6: Open
- Pin 7: GND Black
- Pin 8: Power 8v – 70v
- Pin 9: Open
- Pin 10: LIN - Brown
- Pin 11: Open
- Pin 12: Open
- Pin 13: Open
- Pin 14: Open
- Pin 15: Open
- Pin 16: Open
- Pin 17: R Speaker (-) Green
- Pin 18: R Speaker (+)
- Pin 19: L Speaker (+) Gray/Black
- Pin 20: L Speaker (-) Gray

Strut Cable





1) Location: Bottom Strut

- Pin 1: Ground – Black
- Pin 2: Power – Red – 48V/58v/12v
- Pin 3: LIN/Low CAN - Blue
- Pin 4: High CAN - White

2) Top of Strut

- Pin 1: Ground – Black
- Pin 2: Power – Red – 48V/58v/12v
- Pin 3: LIN/Low CAN - Blue
- Pin 4: High CAN - White

Car to Interface Cable

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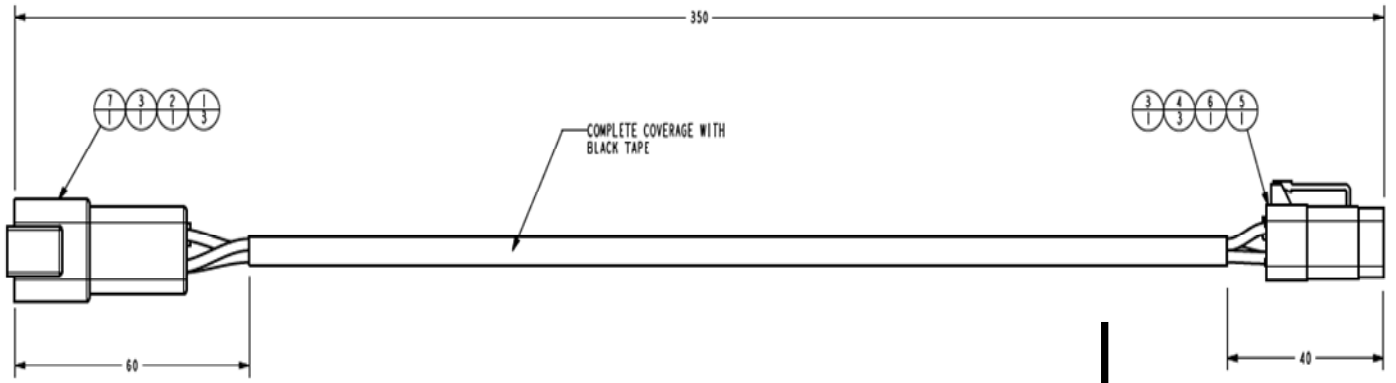
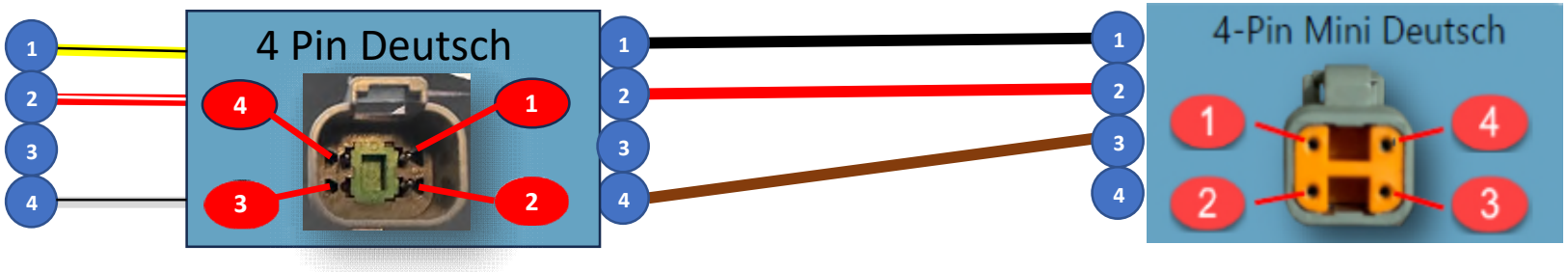
Interface Cable





1) Location: Under Instrument Panel

- Pin 1: Ground – Yellow/Black
- Pin 2: 48V Power – Red/White
- Pin 3: Open
- Pin 4: OBD White/Black

2) Interface Cable

- Pin 1: Ground – Black
- Pin 2: 48V Power – Red
- Pin 3: LIN / OBD - Blue
- Pin 4: Not Used - White

DC Drive / Flooded Lead Acid

Precedent MY 2010 to 2013

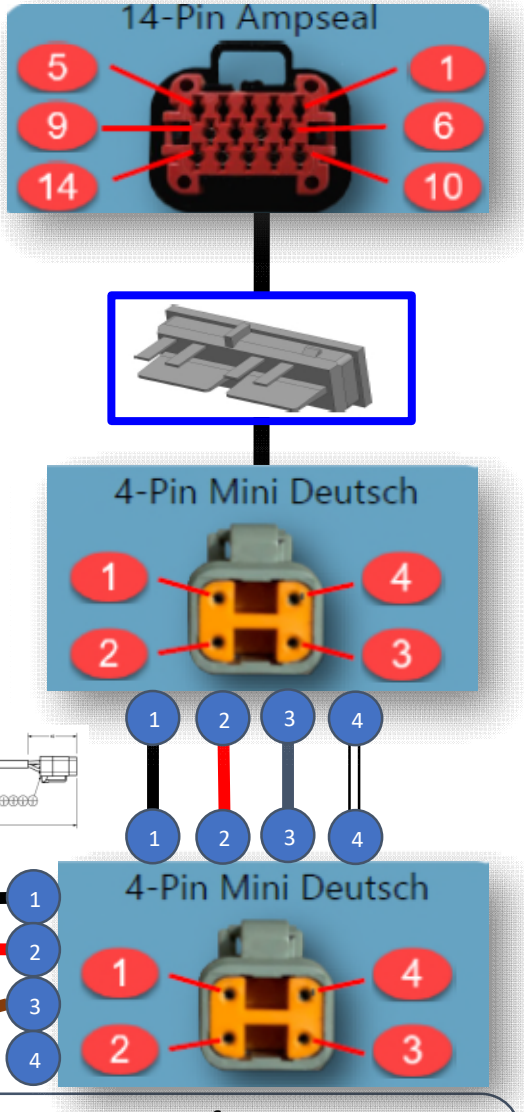
Precedent

MY 2014 or later – DC / FLA

5) Location: Screen
- Pin 7: Brown wire
- Pin 10: OBC
- Move Brown wire from pin 7 to pin 10.
- Pin 13: Ground – Black
- Pin 14: 48V Power – Red

4) Location: Console Harness
47631293002 – "02 Cap" Blue

3) Location: Top Strut
- Pin 1: Ground – Black
- Pin 2: 48V Power – Red
- Pin 3: OBC - Blue
- Pin 4: Not Used - White



1) Location: Under Instrument Panel
- Pin 1: Ground – Yellow/Black
- Pin 2: 48V Power – Red/White
- Pin 3: Open
- Pin 4: LIN /OBD White / Black

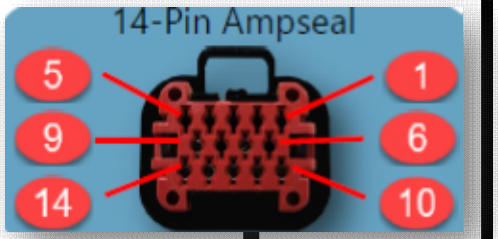
2) Location: Interface Bottom Strut
- Pin 1: Ground – Black
- Pin 2: 48V Power – Red
- Pin 3: LIN/OBD- Brown
- Pin 4: Not Used- White

Club Car Connect - Electric DC

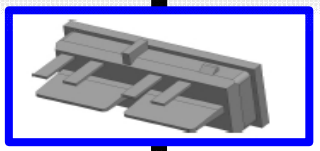
Tempo/ Precedent MY 2014 or later – DC Drive / Flooded Lead Acid

Onward, Tempo, Precedent
MY 2014 or later – DC / FLA

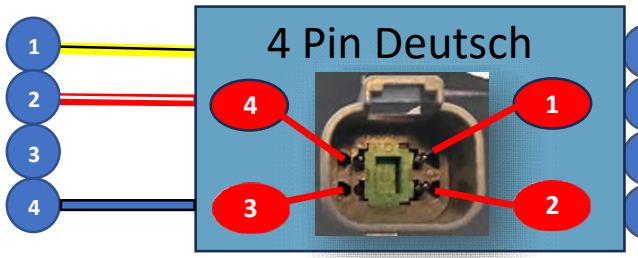
5) Location: Screen
- Pin 2: L Speaker (-) – Gray
- Pin 3: L Speaker (+) – Gray/Black
- Pin 4: R Speaker (+) – Green/White
- Pin 5: R Speaker (-) – Green
- Pin 7: LIN - Brown
- Pin 13: Ground – Black
- Pin 14: 48V Power – Red

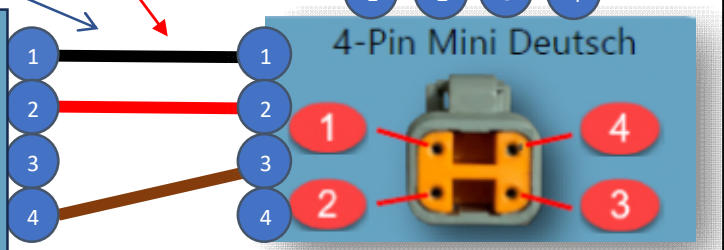


4) Location: Console Harness
47631293002 – "02 Cap" Blue



3) Location: Top Strut
- Pin 1: Ground – Black
- Pin 2: 48V Power – Red
- Pin 3: Not Used - Blue
- Pin 4: LIN - White





1) Location: Under Instrument Panel
- Pin 1: Ground – Yellow/Black
- Pin 2: 48V Power – Red/White – 48V
- Pin 3: None
- Pin 4: LIN – Brown – 12V

2) Location: Interface Bottom Strut
- Pin 1: Ground – Black
- Pin 2: 48V Power – Red
- Pin 3: Not Used - Blue
- Pin 4: LIN - White

Club Car Connect - Lithium

MY 2018 or later – AC Drive / Li-ion Battery Pack

Onward & Tempo

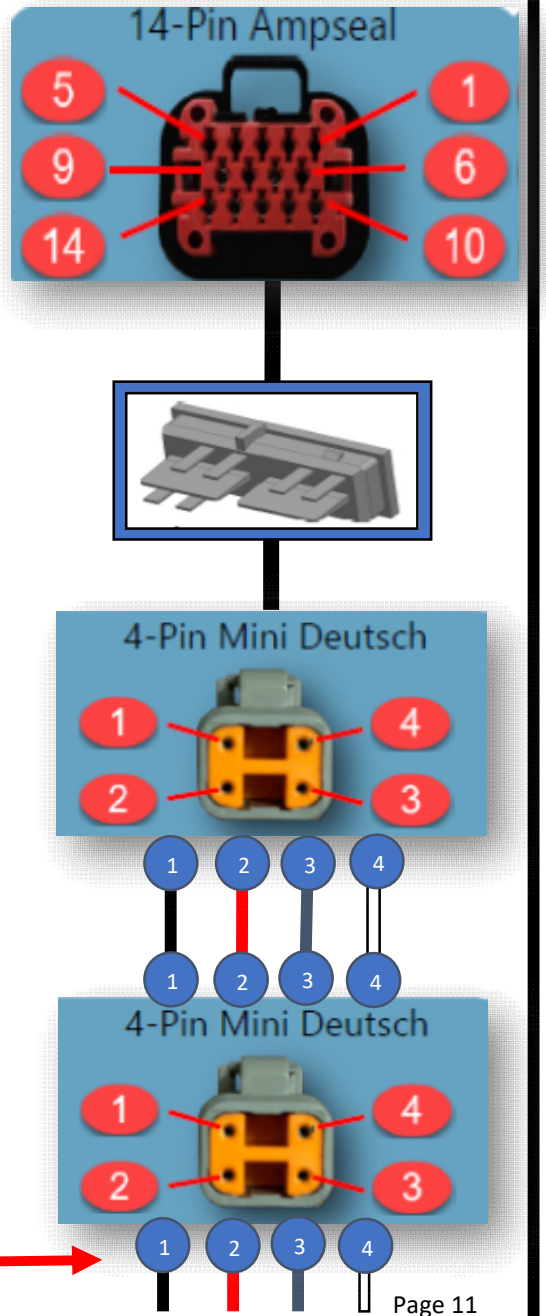
MY 2018 or later – Lithium Ion

4) Location: Screen
- Pin 1: CAN High – White
- Pin 2: L Speaker (-) – Gray
- Pin 3: L Speaker (+) – Gray/Black
- Pin 4: R Speaker (+) – Green/White
- Pin 5: R Speaker (-) – Green
- Pin 6: CAN Low - Blue
- Pin 13: Ground – Black
- Pin 14: 56V Power – Red

3) Location: Console Harness
47631293001 – "01 Cap" White

2) Location: Top Strut
- Pin 1: Ground – Black
- Pin 2: 58v Power – Red
- Pin 3: CAN Low - Blue
- Pin 4: CAN High - White

1) Location: Bottom Strut
- Pin 1: Ground – Black
- Pin 2: 58v Power – Red
- Pin 3: Low CAN- Blue
- Pin 4: High CAN - White



From Car Harness:

•Golf Fleet & Consumer

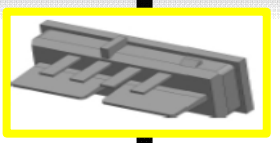
Club Car Connect - Gas

Tempo/ Precedent MY 2014 or later – Gas EFI

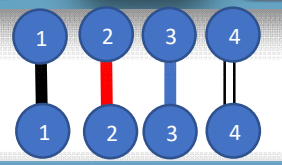
Onward, Tempo, Precedent
MY 2014 or later – Gas EFI

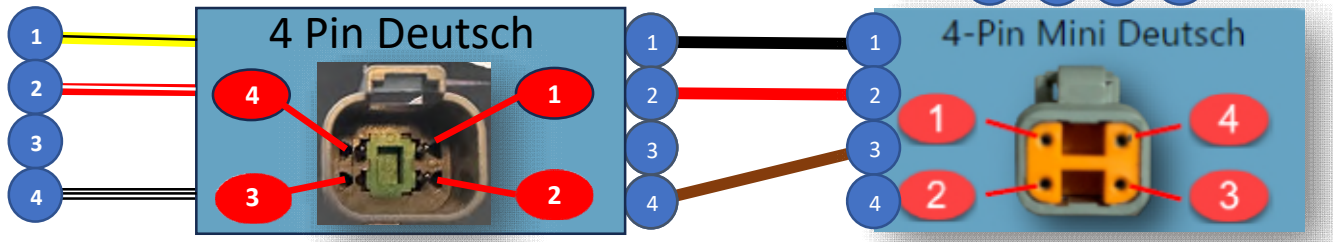
5) Location: Screen
- Pin 7: LIN - Brown
- Pin 12: 12V Power – Red
- Pin 13: Ground – Black

4) Location: Console Harness
47631293003 – "03 Cap" Yellow



3) Location: Top Strut
- Pin 1: Ground – Black
- Pin 2: 12V Power – Red
- Pin 3: LIN - Blue
- Pin 4: Not Used White





1) Location: Under Instrument Panel
- Pin 1: Ground – Yellow/Black
- Pin 2: 12V Power – Red/White – 48V
- Pin 3: None
- Pin 4: LIN – Brown – 12V

2) Location: Bottom Strut
- Pin 1: Ground – Black
- Pin 2: 12V Power – Red
- Pin 3: LIN Blue
- Pin 4: Not Used White

Club Car Connect - HP

MY 2019 or later – AC Drive / Flooded Lead Acid Batteries

Onward

MY 2019 or later – HP AC/FLA

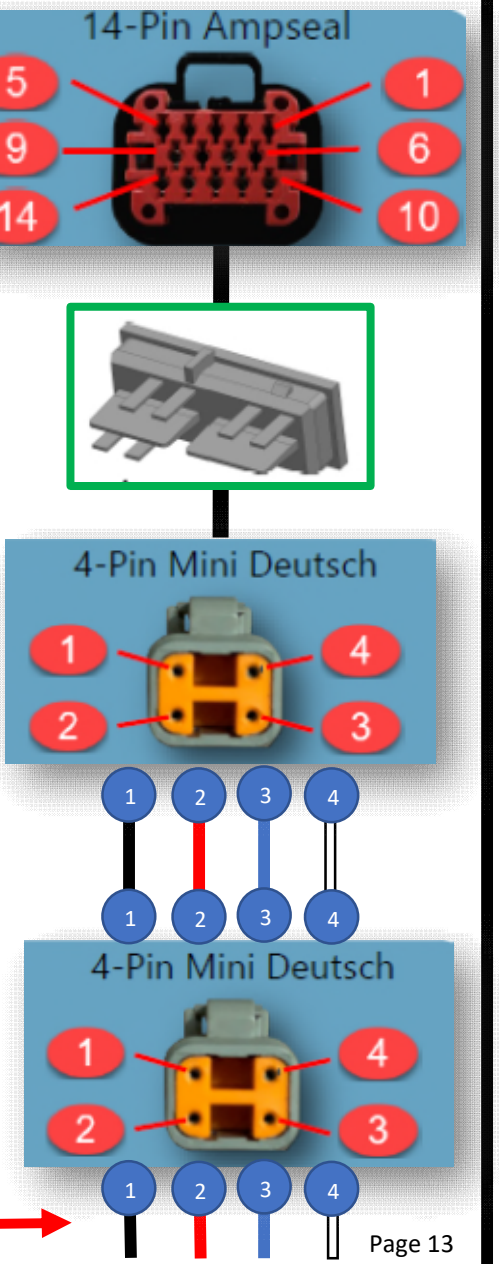
4) Location: Screen
- Pin 1: CAN High – White
- Pin 2: L Speaker (-) – Gray
- Pin 3: L Speaker (+) – Gray/Black
- Pin 4: R Speaker (+) – Green/White
- Pin 5: R Speaker (-) – Green
- Pin 6: CAN Low - Blue
- Pin 12: 12V Power – Red
- Pin 13: Ground – Black

3) Location: Console Harness
47631293004 – "04 Cap" Green

2) Location: Top Strut
- Pin 1: Ground – Black
- Pin 2: 12V Power – Red
- Pin 3: CAN Low - Blue
- Pin 4: CAN High - White

1) Location: Bottom Strut
- Pin 1: Ground – Black
- Pin 2: 12V Power – Red
- Pin 3: CAN Low - Blue
- Pin 4: CAN High - White

From Car Harness:



•Golf Fleet & Consumer

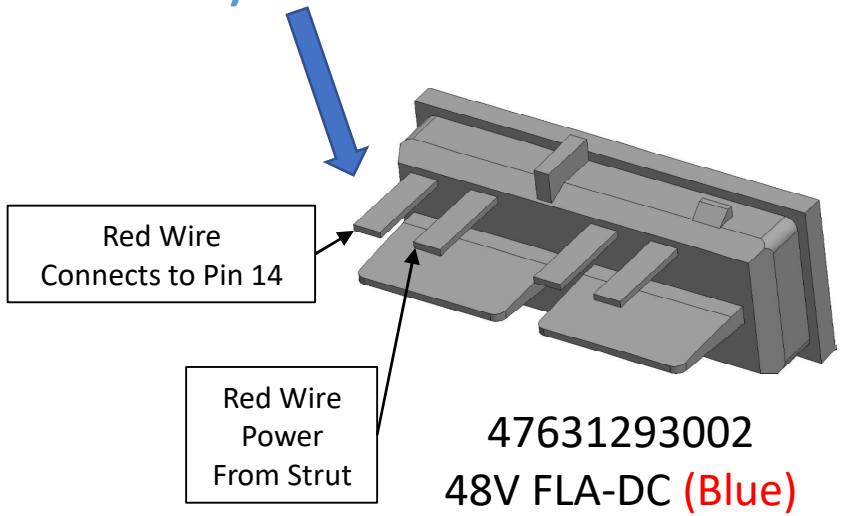
Cap Conversion 48V Electric to 12V Gas

•Golf Fleet & Consumer

For 12v Vehicles

1. Find Connector Cap 47631293002 for 48V FLA DC vehicles
2. Remove metal spade insert from left (outside) configuration
3. Turn spade 180 degree and re-insert to inside connection
4. Plug Cap into Cap Connector housing

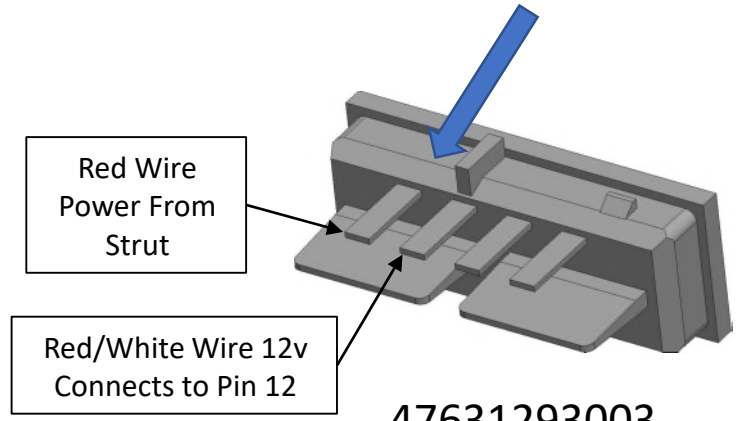
1) Remove



47631293002
48V FLA-DC (Blue)

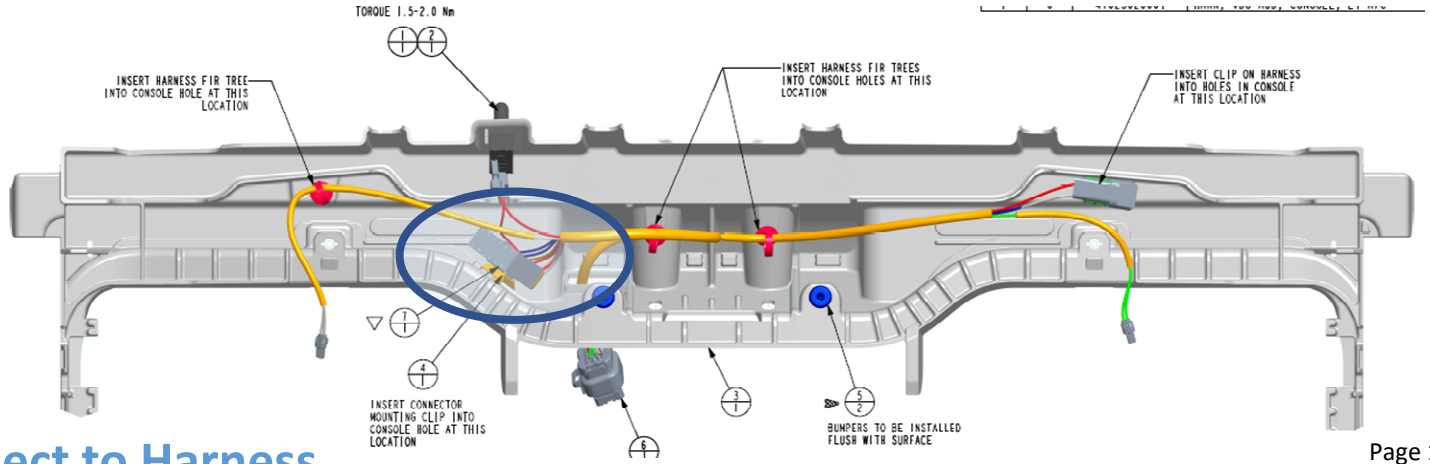
2) Rotate

3)Re-Insert

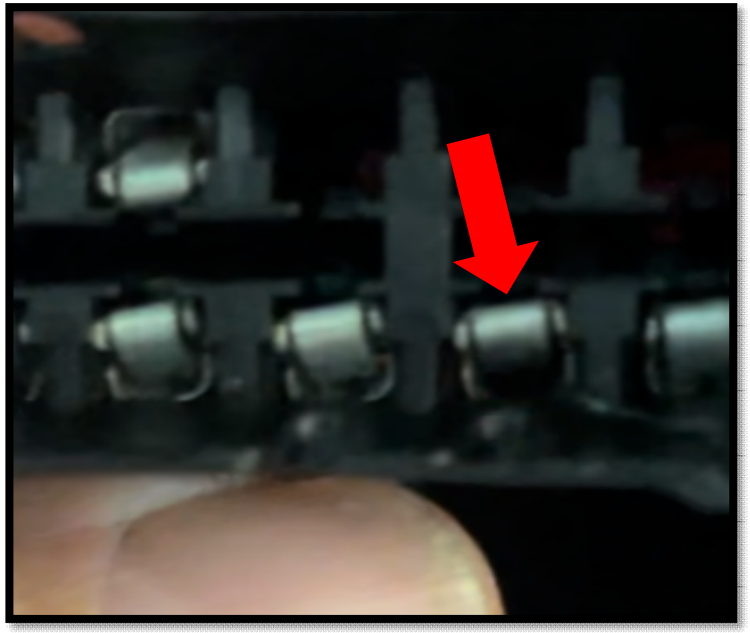


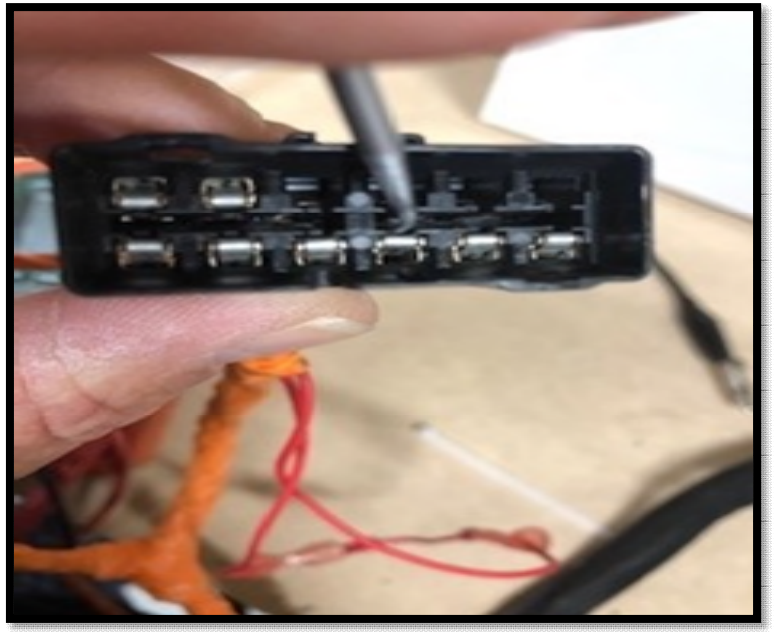
47631293003
12V Gas (Yellow)

4) Connect to Harness



Junction Block Repair





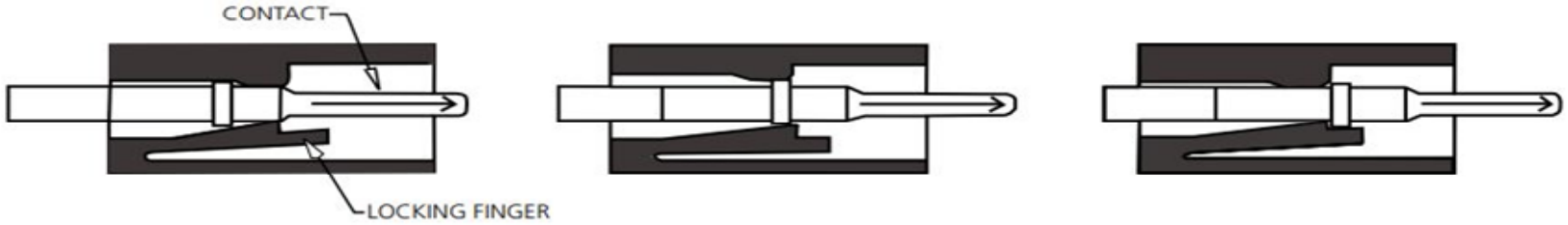
2nd Generation Li-ion Car Fuse/Diode

What causes a rolling flashing Visage Screen?

- Visage Diode - Missing or pointing towards fuses
- 2-amp fuse blown

Deutsch Connectors

Contact Insertion System (DTM/DT/DTP)

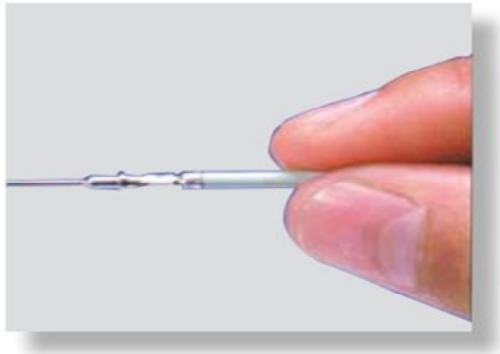


UNLOCKED POSITION | CONTACT INSERTION | CONTACT LOCKED IN POSITION

Contact Removal Procedure (DTM/DT/DTP)

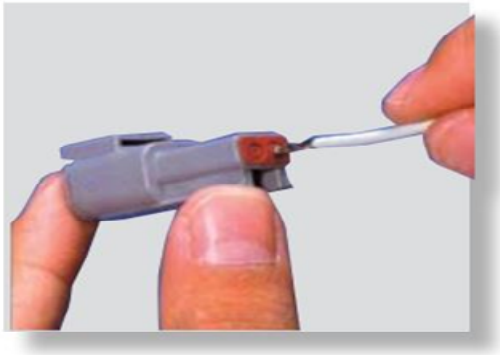
SCREW DRIVER INSERTED TO UNLOCK CONTACT | CONTACT REMOVED

Pinning Deutsch Connectors

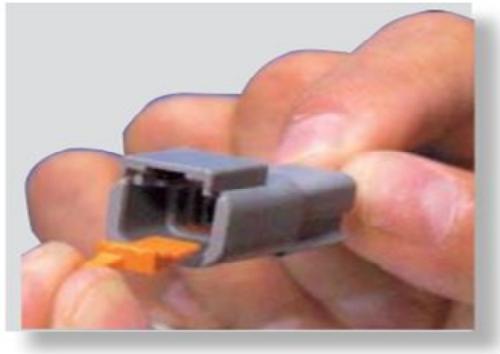


1. Grasp crimped contact approximately 1.0" (25.4mm) behind the contact barrel.

2. Hold connector with rear grommet facing you.



3. Push contact straight into connector grommet until a click is felt. A slight tug will confirm that it is properly locked in place.



4. Once all contacts are in place, insert orange wedge: receptacles - with half holes aligning with contacts. Plugs - with contacts aligning behind full holes. The orange wedge will snap into place.

NOTE: The receptacle is shown - use the same procedure for plug.

QCPD Instrument Troubleshooting Guide

*Legend

FLA 48v

Normal Operation

Li-ion 58v

Normal Operation

Gas 12v

Normal Operation

FLA HP AC 12v

Normal Operation

The QCPD Instrument

(Quality Check Power & Data)

The QCPD has two different plugs. On one side there is the Visage 14-pin plug, and on the other side is the Visage isolation 4-pin plug.

~ **14-Pin plug** – Is used to test continuity throughout the Visage hardware.

- Lt/Rt Speakers
- Data communicating bus. i.e. (LIN, High & Low CAN)
- Power. i.e (48v FLA, 58v Li-ion, 12v Gas & 12v FLA HP AC)

~ **Isolation plug** - The isolation plug is used to isolate each of the components for troubleshooting. i.e. (Car, Interface cable, Strut, Console)

~ **Isolation Y cable –** The isolation cable allows for the different car power types and for the different size plugs.

~ **Red** shrink tube plug is used to isolation components on a Li-ion and FLA AC powered car.

~ **Black** shrink tube plug is used for FLA and gas cars.

*Ledged

FLA Cars

(Flooded Lead Acid)

**Troubleshooting suggestions are in order of highest to lowest probability.*

Issue Indicated ○ ○ ○ ○ ○

No LED's –

1. One of the plugs is disconnected somewhere.
2. Missing power cap in console.
3. Look for mismatched wire colors at all plugs. Red to white black to blue, white to blue.
4. Black pin improperly seated in plug.
5. Damaged blue, black and red wires in or at bottom of strut.

Issue Indicated ○ ● ○ ○ ○

48v LED –

1. Power switch is off.
2. Orientation of switch is upside down. (Up - on / Down - off).
3. Disconnected spade connector at switch.
4. Blown fuse.
5. Bent pin or improperly seated red wire in plug.
6. Plug isn't pinned correctly somewhere.
7. Pin 14 in the VDU plug isn't seated.

Troubleshooting Notes:

**Use the QCPD tool to test continuity, use the isolation side to test components.*

Step 1. *Connect QCPD to VDU plug check light for normal operation*

.

Step 2. *Match issue indicated on LED's and follow list of instructions on left.*

Step 3. *Use isolation "Y" cable to test components.*
Use appropriate plug for car power type. Test each plug until you find the issue.

*Ledged

FLA Cars

(Flooded Lead Acid)

**Troubleshooting suggestions are in order of highest to lowest probability.*

Issue Indicated 

No LIN

1. Car in tow.
2. Bent pin or improperly seated blue wire in one of the plugs.
3. Damaged blue wire inside or at bottom of strut.
4. Power cap configuration. *(See Visage Connectors & Power Cap document)*

Issue Indicated 

Low CAN, No LIN

1. Li-ion power cap in console.
2. Mismatched wires

Issue Indicated 

OV Error

1. Gas power CAP in console.
2. Damaged power cap or configured incorrectly.

Troubleshooting Notes:

**Use the QCPD tool to test continuity, use the isolation side to test components.*

Step 1. *Connect QCPD to VDU plug check light for normal operation*

.

Step 2. *Match issue indicated on LED's and follow list of instructions on left.*

Step 3. *Use isolation "Y" cable to test components.*
Use appropriate plug for car power type. Test each plug until you find the issue.

Li-ion Cars

*Ledged

Troubleshooting suggestions are in order of highest to lowest probability.

Issue Indicated ○ ○ ○ ○ ○

No LED's

1. Car is in sleep mode. Toggle key off & on.
2. One of the plugs is disconnected somewhere.
3. No power cap in console.
4. Damaged black wire inside or at bottom of strut.
5. Bent pin or improperly seated black wire in plug.

Issue Indicated ○ ● ● ○ ○

No 58v LED

1. Power switch is off.
2. Orientation of switch is upside down. (up on/down off)
3. Disconnected spade connector at switch.
4. VCM – isn't configured for Visage.
5. Bent pin or improperly seated red wire in plug.
6. Damaged red wire inside or at bottom of strut.
7. Power cap configuration

Troubleshooting Notes:

*** The Low CAN is difficult to see outside. This characteristic can be useful in detecting mismatched wires in plugs.*
*Bright **BLUE** and dim **YELLOW** means the blue & white wires are mismatched somewhere.*

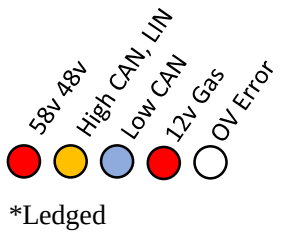
**Use the QCPD tool to test continuity, use the isolation side to test components.*

***Step 1.** Connect QCPD to VDU plug check light for normal operation*

.

***Step 2.** Match issue indicated on LED's and follow list of instructions on left.*

***Step 3.** Use isolation "Y" cable to test components.*
Use appropriate plug for car power type. Test each plug until you find the issue.



*Ledged

Li-ion Cars

**Troubleshooting suggestions are in order of highest to lowest probability.*

Issue Indicated ● ● ○ ○ ○

No Low CAN

1. Wrong or improperly configured power CAP. See *(Visage Power Cap document)*
2. Blue wire bent pin or damaged blue wire.
3. Pin 6 (blue wire) at VDU plug is not seated correctly.

Issue Indicated ● ○ ● ○ ○

No High CAN

1. White wire bent pin or damaged white wire.
2. Wrong or improperly configured power CAP. See *(Visage Power Cap document)*
3. Pin 1 (white wire) at VDU plug is not seated correctly.

Troubleshooting Notes:

*** The Low CAN is difficult to see outside. This characteristic can be useful in detecting mismatched wires in plugs.*
*Bright **BLUE** and dim **YELLOW** means the blue & white wires are mismatched somewhere.*

**Use the QCPD tool to test continuity, use the isolation side to test components.*

***Step 1.** Connect QCPD to VDU plug check light for normal operation*

.

***Step 2.** Match issue indicated on LED's and follow list of instructions on left.*

***Step 3.** Use isolation "Y" cable to test components.*
Use appropriate plug for car power type. Test each plug until you find the issue.

Li-ion Cars

**Troubleshooting suggestions are in order of highest to lowest probability.*

*Ledged

Issue Indicated ○ ● ○ ○ ○

High CAN & OV Error

1. Gas power CAP in console.

Issue Indicated ● ○ ○ ○ ○

No High or Low CAN

1. Car is in tow.
2. Bent pin or improperly seated blue & white wires in one of the plugs.
3. Damaged blue & white wire in or at bottom of strut.

Issue Indicated ○ ○ ○ ○ ○

STOP!!

Unplug QCPD immediately!!!

1. Use the isolation side of your QCPD. Start at bottom of the strut and work your way up until the issue is located. Mismatched wires in the upper Deutsch is typically where you'll locate the issue.
2. Wrong or improperly configured power CAP. See *(Visage Power Cap document)*
3. Look for damaged wires inside or at bottom of strut.

Troubleshooting Notes:

*** The Low CAN is difficult to see outside. This characteristic can be useful in detecting mismatched wires in plugs.*
*Bright **BLUE** and dim **YELLOW** means the blue & white wires are mismatched somewhere.*

**Use the QCPD tool to test continuity, use the isolation side to test components.*

***Step 1.** Connect QCPD to VDU plug check light for normal operation*

.

***Step 2.** Match issue indicated on LED's and follow list of instructions on left.*

***Step 3.** Use isolation "Y" cable to test components.*
Use appropriate plug for car power type. Test each plug until you find the issue.

Gas Cars

*Ledged

Issue Indicated ○ ○ ○ ○ ○

No LED's

1. One of the plugs is disconnected somewhere.
2. No power cap in console.
3. Look for mismatched wire
4. Bent pin or improperly seated

When using the isolation side of the QCPD tool. It is normal for the 48v LED light to illuminate for power.

Issue Indicated ○ ● ○ ○ ○

No 12v LED

1. Power switch is off.
2. Orientation of switch is upside down (Up on / Down off).
3. Disconnected spade connector at switch.
4. Blown fuse.
5. Bent pin or improperly seated red wire in one of the plugs.
6. Pin 12 at VDU plug isn't seated correctly.
7. Damaged red wire in or at bottom of strut.

Troubleshooting Notes:

**Use the QCPD tool to test continuity, use the isolation side to test components.*

Step 1. *Connect QCPD to VDU plug check light for normal operation*

.

Step 2. *Match issue indicated on LED's and follow list of instructions on left.*

Step 3. *Use isolation "Y" cable to test components.*
Use appropriate plug for car power type. Test each plug until you find the issue.

Gas Cars

*Ledged

When using the isolation side of the QCPD tool. It is normal for the 48v LED light to illuminate for power.

Issue Indicated 

48v LED

1. Power cap configuration. *(See Visage Connectors & Power Cap document)*

Issue Indicated 

Low CAN & 12v

1. Mismatched blue & white wire.
2. Wrong or improperly configured power CAP. See *(Visage Power Cap document)*

Issue Indicated 

No LIN

1. Run/Maintenance switch.
2. GCCM has not been installed.
3. GCCM is unplugged or not seated correctly.
4. Bent pin or improperly seated blue wire in one of the plugs.
5. Blue & white wires are mismatched.
6. Damaged blue wire in or at bottom of strut.
7. Wrong or improperly configured power CAP. See *(Visage Power Cap document)*

Troubleshooting Notes:

**Use the QCPD tool to test continuity, use the isolation side to test components.*

Step 1. *Connect QCPD to VDU plug check light for normal operation*

.

Step 2. *Match issue indicated on LED's and follow list of instructions on left.*

Step 3. *Use isolation "Y" cable to test components.*
Use appropriate plug for car power type. Test each plug until you find the issue.

Speakers

Blinking Green Speaker LED

When toggling the switch left & right. The green LED flashes. This indicates the speaker is connected. If you listen. You can hear a faint ticking sound from respective speaker.

No Blinking Green

1. Speaker wire not connected or speaker is not installed.
2. Speaker wire is damaged.

Troubleshooting Notes:

Speaker wire is SHORT!
DO NOT FORCE!

Couple Tricks!

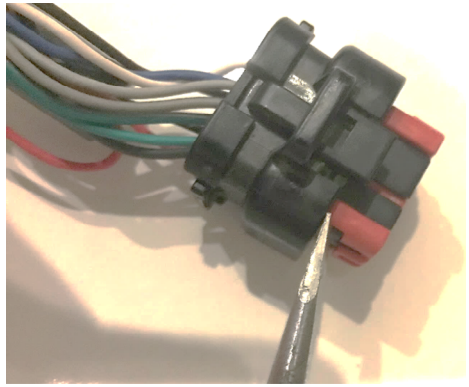
1. *Disconnect the speaker wire from speaker. Place speaker on the rail and then plug the speaker wire into the speaker, and finish the installation.*

2. *Cut about 1” of the rail off from the speaker.*

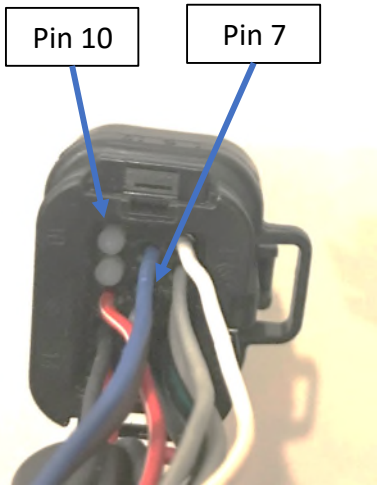
3. *A damaged speaker clip, will require a new speaker to be installed!*

1) Warning – Unplug Harness From Car Before Performing Work!!!!

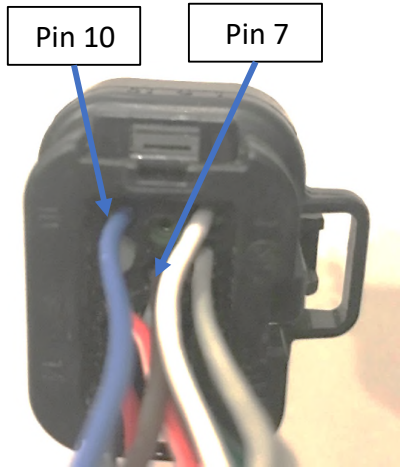
2) Remove Red Cap w/ Flat Head Screwdriver



3) Remove Brown Wire From Pin Location 7



4) Re-Insert Brown wire in Pin Location 10 and Re-Install Cap



Visage Club Car Part Numbers

	Car Type	VDU Pin	Strut Assembly	Strut Harness	Interface Harness	Console Assembly	Console Harness
NEW CAR	GPSi Part #		V3-419	V3-426	Not Required	V3-421	V3-420
	Club Car Part #		47638185002	47625005001	Not Required	47638114001	47625026001
	AC Lithium	**14 Pin**	ASM, STRUT, RH, VISAGE, 4-PIN 4-Pin Mini Deutsch	HARNESS, VISAGE, STRUT, LI-A/C 4 Pin to 4 Pin	Not Required	ASM, VDU-AUD, SUPPORT, AC	HARN, VDU-AUD, CONSOLE, LI-A/C 4 Pin to 14 Pin Orange
	GPSi Part #		V3-419	V3-426	V3-424	V3-434	V3-420
	Club Car Part #		47638185002	47625005001	47649285001	47638114002	47625026001
	DC Electric	**14 Pin**	ASM, STRUT, RH, VISAGE, 4-PIN 4-Pin Mini Deutsch	HARNESS, VISAGE, STRUT, LI-A/C 4 Pin to 4 Pin	HARN, MAIN-STRUT, INTERFACE	ASM, VDU-AUD, SUPPORT, DC	HARN, VDU-AUD, CONSOLE, LI-A/C 4 Pin to 14 Pin Orange
	GPSi Part #		V3-419	V3-426	V3-424	V3-435	V3-420
	Club Car Part #		47638185002	47625005001	47649285001	47638114003	47625026001
	Gas	**14 Pin**	ASM, STRUT, RH, VISAGE, 4-PIN 4-Pin Mini Deutsch	HARNESS, VISAGE, STRUT, LI-A/C 4 Pin to 4 Pin	HARN, MAIN-STRUT, INTERFACE	ASM, VDU-AUD, SUPPORT, GAS	HARN, VDU-AUD, CONSOLE, LI-A/C 4 Pin to 14 Pin Orange
	GPSi Part #		V3-419	V3-426	Not Required	??	V3-429
	Club Car Part #		47638185002	47625005001	Not Required	??	47668527001
	AC Lithium	**10 Pin**	ASM, STRUT, RH, VISAGE, 4-PIN 4-Pin Mini Deutsch	HARNESS, VISAGE, STRUT, LI-A/C 4 Pin to 4 Pin	Not Required	ASM, VDU SUPPORT, VIS-I3, Lithium	HARNESS, VIS-I3, 4-PIN, Lithium 4 Pin to 10 Pin Red
	GPSi Part #		V3-419	V3-426	V3-424	??	V3-427
	Club Car Part #		47638185002	47625005001	47649285001	47662381001	47662262001
	DC Electric	**10 Pin**	ASM, STRUT, RH, VISAGE, 4-PIN 4-Pin Mini Deutsch	HARNESS, VISAGE, STRUT, LI-A/C 4 Pin to 4 Pin	HARN, MAIN-STRUT, INTERFACE	ASM, VDU SUPPORT, VIS-I3, ELEC	HARNESS, VIS-I3, 4-PIN, ELEC 4 Pin to 10 Pin Purple
	GPSi Part #		V3-419	V3-426	V3-424	??	V3-428
	Club Car Part #		47638185002	47625005001	47649285001	47662381002	47662245001
	Gas	**10 Pin**	ASM, STRUT, RH, VISAGE, 4-PIN 4-Pin Mini Deutsch	HARNESS, VISAGE, STRUT, LI-A/C 4 Pin to 4 Pin	HARN, MAIN-STRUT, INTERFACE	ASM, VDU SUPPORT, VIS-I3, GAS	HARNESS, VIS-I3, 4-PIN, GAS 4 Pin to 10 Pin White

Visage Club Car Part Numbers

CARS BUILT FROM VARIOUS TO Q1/Q2 OF 2019 VARIES BY CAR TYPE AND VDU Dates Approximate

Car Type	VDU Pin	Strut Assembly	Strut Harness	Interface Harness	Console Assembly	Console Harness
GPSi Part #		47561477001	47554736001	47557751001	47560787001	47555612001
Club Car Part #		V3-401	V3-425	V3-404	V3-401	V3-422
DC Electric	10 Pin	ASM, STRUT, VIS, RH	HARNESS, VISAGE, STRUT, G/E	HARNESS, INTERFACE, VISAGE	ASM, VDU SUPPORT, ELEC	HARNESS, VISAGE, CONSOLE, ELEC
		3 Pin to 3 Pin	3 Pin to 3 Pin	4 Pin to 3 Pin	Baskets	3 Pin to 10 Pin Yellow
DATE					From 3-25-16	From 3-25-16 to 2-5-18
GPSi Part #		V3-401	V3-425	V3-404	V3-402	V3-423
Club Car Part #		47561477001	47554736001	47557751001	47560787002	47554735001
Gas	10 Pin	ASM, STRUT, VIS, RH	HARNESS, VISAGE, STRUT, G/E	HARNESS, INTERFACE, VISAGE	ASM, VDU SUPPORT, GAS	HARNESS, VISAGE, CONSOLE, GAS
		3 Pin to 3 Pin	3 Pin to 3 Pin	4 Pin to 3 Pin	Baskets	3 Pin to 10 Pin Green
						From 3-25-16 to 2-5-18
GPSi Part #		V3-401	V3-425	V3-404	V3-412	V3-409
Club Car Part #		47561477001	47554736001	47557751001	47560787003	47614082001
DC Electric Audio	14 Pin	ASM, STRUT, VIS, RH	HARNESS, VISAGE, STRUT, G/E	HARNESS, INTERFACE, VISAGE	ASM, VDU-AUDIO SUPPORT, ELEC	HARNESS, VDU-AUDIO, CONSOLE, E
		3 Pin to 3 Pin	3 Pin to 3 Pin	4 Pin to 3 Pin	Speakers	3 Pin to 14 Pin Blue
DATE					From 12-17-17	FROM 12-21-18
GPSi Part #		V3-401	V3-425	V3-404	N/A	V3-418
Club Car Part #		47561477001	47554736001	47557751001	47560787004	47614840001
Gas Audio	14 Pin	ASM, STRUT, VIS, RH	HARNESS, VISAGE, STRUT, G/E	HARNESS, INTERFACE, VISAGE	ASM, VDU-AUDIO SUPPORT, ELEC	HARNESS, VDU-AUDIO, CONSOLE, G
		3 Pin to 3 Pin	3 Pin to 3 Pin	4 Pin to 3 Pin	Speakers	3 Pin to 14 Pin Brown
DATE					From 12-21-17	FROM 12-21-17