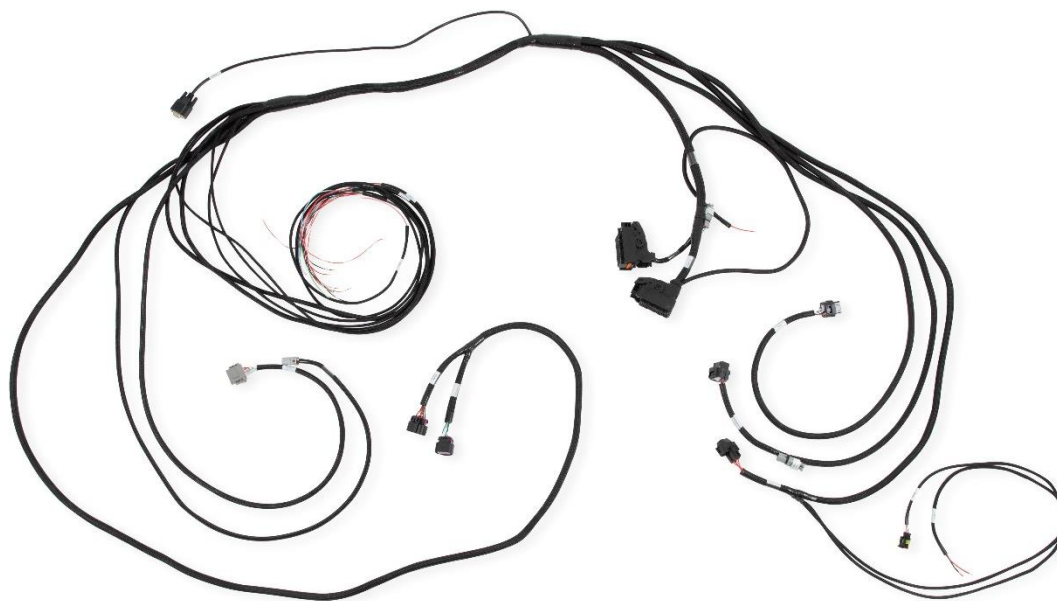




30-8603

Front Low Voltage VCU Harness System User Manual



AEM

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Instruction Part Number: 10-8603_REV_A

Document Build 2024-05-22

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Introduction

This low voltage harness assembly was designed to be installed in the front half of the electric vehicle. It was designed to be used with a mating rear half assembly that is VCU hardware specific. The AEM part number for the mating rear half harness is 30-8601.

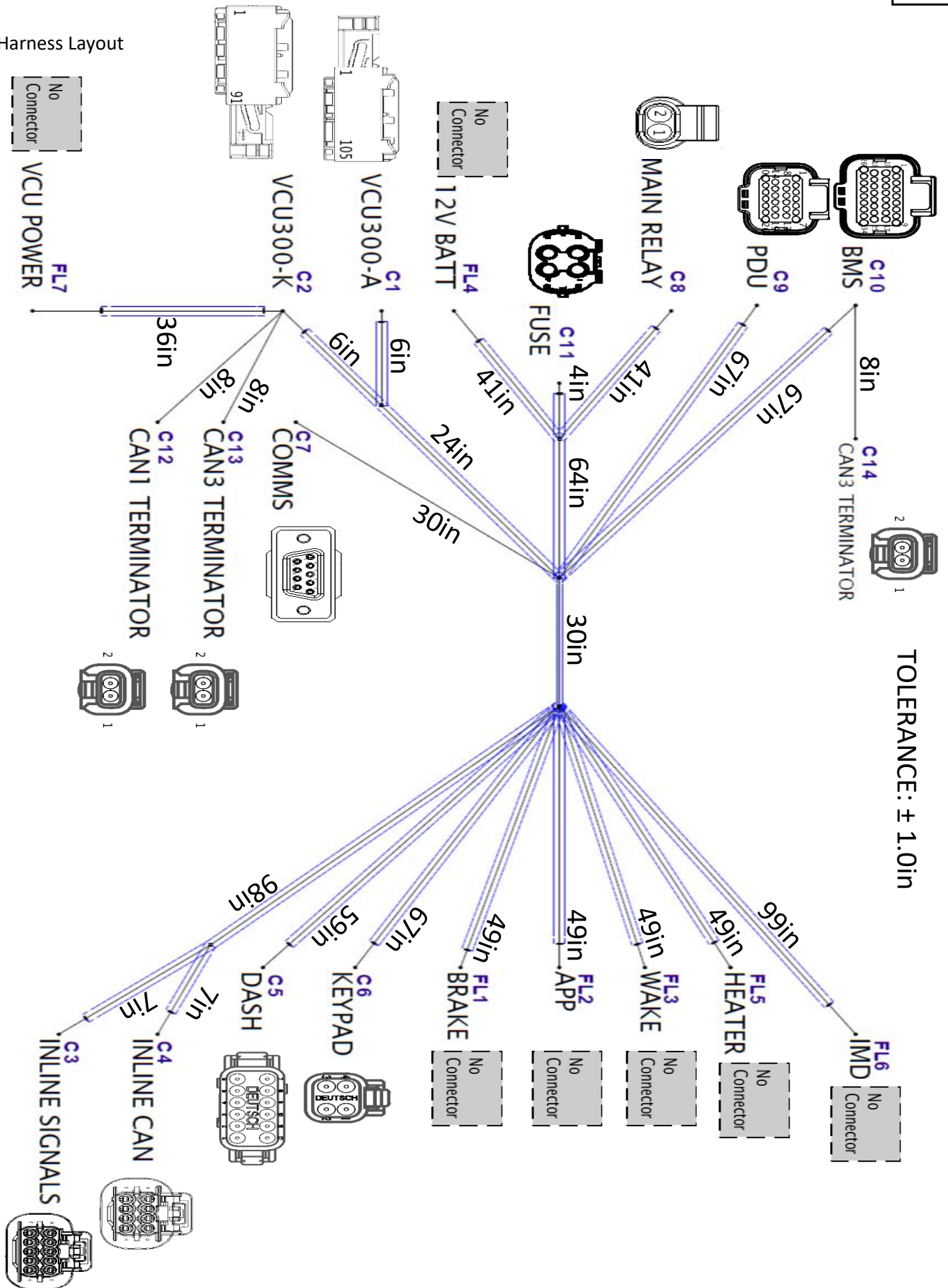
Connector interface features include:

- AEM VCU300 (VCU)
- Battery Management System – Master (BMS)
- Power Distribution Unit (PDU)
- Main Relay
- Fuse
- VCU300 Power Flying Lead
- 12V Battery Flying Leads (12V Batt)
- Wake Switch Flying Lead
- Accelerator Pedal Position Flying Leads (APP)
- Brake Flying Leads (Brake)
- Heater Flying Lead
- Insulation Monitoring Device Lead (IMD)
- DB9 Communications Port (COMMS)
- AEM Keypad (Keypad)
- AEM Dash (Dash)
- Inline Signals
- Inline CAN

Kit Contents

- PN:10-1008 - QR Code Sheet for instructions
- PN: 5500009 - EGIS Relay
- Ring Terminals - USED FOR EGIS Relay stud
 - o PN:5100214 – 18-22AWG #1/4 CRIMP
 - o PN:5100215 – 14-16AWG #1/4 CRIMP
 - o PN:5100216 – 10-12AWG #1/4 CRIMP
 - o PN:5100217 - 6AWG #1/4 CRIMP
 - o PN:5100218 - 8AWG #1/4 CRIMP
- PN: 4-4025 - FUSE 20A x1
- PN: 8400012 - FUSE 3A x1
- PN: 4-1094 - CAN Terminating Resistors (120Ω) x3

Harness Layout



The diagram illustrates the electrical connections for a vehicle's electronic control system. Key components and their connections include:

- VCU300-A (Bottom Pin Header):**
 - 1: VCU POWER 3
 - 12: VCU GROUND3
 - 21: VCU GROUND1
 - 23: VCU GROUND2
 - 35: VCU POWER 1
 - 39: VCU GROUND2
 - 43: VCU GROUND1
- VCU300-K (Top Pin Header):**
 - 60: CAN2 HI
 - 61: CAN2 LO
 - 62: CAN1 HI
 - 63: CAN1 LO
 - 65: APP1
 - 66: CAN3 LO
 - 67: CAN3 HI
 - 77: APP SENSOR GROUND
 - 78: APP SENSOR POWER
 - 81: APP2
 - 82: APP2
 - 83: APP2
 - 87: CAN3 HI
 - 91: CAN3 LO
- Internal Components and Connections:**
 - APP (Application):** Includes APP GROUND 1, APP GROUND 2, APP POWER 1, APP POWER 2, and APP GROUND 3.
 - BRAKE:** Includes BRAKE SWITCH1, BRAKE SWITCH2, and BRAKE SWITCH3.
 - WAKE:** Includes WAKE SWITCH and WAKE SWITCH2.
 - MAIN RELAY:** Includes MAIN RELAY FUSE, MAIN RELAY POWER, and MAIN RELAY DRIVER.
 - GROUNDING:** Includes KEYPAD GROUND, DASH GROUND, PDU GROUND1, PDU GROUND2, PDU GROUND3, and KEYPAD POWER.
 - POWER SOURCES:** Includes 12V BATT+, 12V BATT-, and BMS POWER.
 - TERMINATORS:** Includes CAN1 TERMINATOR, CAN2 TERMINATOR, and CAN3 TERMINATOR.
 - HEATERS:** Includes HEATER1, HEATER2, and HEATER3.
 - IMD (Intrusion Monitoring Device):** Includes WAKE1, BRAKE SWITCH2, and IMD.
 - FL (Fuel Level):** Includes FL1, FL2, and FL3.
 - FLUX (Fuel Leak):** Includes FLUX1, FLUX2, and FLUX3.
 - FLUX (Fuel Leak):** Includes FLUX1, FLUX2, and FLUX3.
 - FLUX (Fuel Leak):** Includes FLUX1, FLUX2, and FLUX3.

Harness Pinout

36-8603- VCU 300 Layover Harness

C1	VCU300 - A					Description
Pin	Wire Color	Gauge	Destination			196P EMS / Contact Housing 105P / Code 1
			1	2	3	
C1-1						
C1-2						
C1-3						
C1-4						
C1-5						
C1-6						
C1-7						
C1-8						
C1-9						
C1-10						
C1-11						
C1-12						
C1-13						
C1-14						
C1-15						
C1-16						
C1-17						
C1-18						
C1-19						
C1-20						
C1-21	RED/WHITE	20	C3-D			LEM POWER
C1-22						
C1-23	ORANGE/RED	20	C3-B			HVIL MAIN OUT
C1-24						
C1-25						
C1-26						
C1-27						
C1-28						
C1-29						
C1-30						
C1-31						
C1-32						
C1-33						
C1-34						

C1-35	ORANGE/BLACK	20	C3-C			HVIL MAIN IN
C1-36						
C1-37						
C1-38						
C1-39	BLACK/WHITE	20	C3-F			LEM GROUND
C1-40						
C1-41						
C1-42						
C1-43	RED	20	1KΩ			H-BRDIGE
C1-44						
C1-45						
C1-46						
C1-47						
C1-48						
C1-49						
C1-50						
C1-51						
C1-52						
C1-53						
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C1-94						
C1-95						
C1-96						
C1-97						
C1-98						
C1-99						
C1-100						
C1-101						
C1-102						
C1-103						
C1-104						
C1-105	BROWN	20	C3-E			LEM HI

C2	VCU 300 - K					Description
Pin	Wire Color	Gauge	Destination			196P EMS / Contact Housing 91P / Code 1
			1	2	3	
C2-1	BLACK	20	SP1			VCU GROUND1
C2-2	BLACK	20	SP1			VCU GROUND2
C2-3	RED	16	SP9			VCU POWER1
C2-4	BLACK	20	SP1			VCU GROUND3

C2-5	RED	16	SP9			VCU POWER2
C2-6	RED	16	SP9			VCU POWER3
C2-7						
C2-8						
C2-9						
C2-10						
C2-11						
C2-12						
C2-13						
C2-14						
C2-15						
C2-16						
C2-17						
C2-18						
C2-19						
C2-20						
C2-21						
C2-22						
C2-23						
C2-24						
C2-25						
C2-26						
C2-27						
C2-28	RED	20	FL5			HEATER
C2-29						
C2-30	LIGHT BLUE	20	FL1			BRAKE SWITCH1
C2-31						
C2-32						
C2-33						
C2-34						
C2-35						
C2-36						
C2-37						
C2-38						
C2-39						
C2-40						
C2-41						
C2-42						
C2-43						
C2-44						

C2-45						
C2-46	BLACK/WHITE	20	FL1			BRAKE SWITCH GROUND
C2-47	PINK	20	FL6			IMD
C2-48						
C2-49	LIGHT BLUE/WHITE	20	FL1			BRAKE SWITCH2
C2-50	RED	20	SP6			WAKE1
C2-51	BROWN/WHITE	20	C3-G			LEM LO
C2-52						
C2-53						
C2-54						
C2-55						
C2-56						
C2-57						
C2-58						
C2-59						
C2-60	WHITE	24	C9-4			CAN2 HI
C2-61	WHITE/BLUE	24	C9-3			CAN2 LO
C2-62	WHITE	24	C7-7	C12-1		CAN1 HI
C2-63	GREEN	24	C7-2	C12-2		CAN1 LO
C2-64						
C2-65	LIGHT GREEN	20	FL2			APP1
C2-66	RED/WHITE	20	FL1			BRAKE SWITCH POWER
C2-67						
C2-68						
C2-69						
C2-70						
C2-71						
C2-72						
C2-73						
C2-74						
C2-75						
C2-76						
C2-77	WHITE	24	C6-1			CAN3 HI
C2-78	WHITE/BLUE	24	C6-2			CAN3 LO
C2-79						
C2-80						
C2-81	BLACK/WHITE	20	SP8			APP SENSOR GROUND
C2-82	LIGHT GREEN/WHITE	20	FL2			APP2
C2-83	RED/WHITE	20	SP7			APP SENSOR POWER
C2-84						

C2-85						
C2-86						
C2-87	PINK	20	C8-2			MAIN RELAY DRIVER
C2-88						
C2-89						
C2-90						
C2-91						

C3	INLINE SIGNALS					Description
Pin	Wire Color	Gauge	Destination			10 Way 1.5 GT 150 Sealed
			1	2	3	
C3-A	BLACK	16	SP5			GROUND
C3-B	ORANGE/RED	20	C1-23			HVIL MAIN OUT
C3-C	ORANGE/BLACK	20	C1-35			HAVIL MAIN IN
C3-D	RED/WHITE	20	C1-21			LEM POWER
C3-E	BROWN	20	C1-105			LEM HI
C3-F	BLACK/WHITE	20	C1-39			LEM GROUND
C3-G	BROWN/WHITE	20	C2-51			LEM LO
C3-H	GREEN	20	C10-23			CP
C3-J	BLUE	20	C10-24			PROX
C3-K						

C4	Inline CAN					Description
Pin	Wire Color	Gauge	Destination			8 Way 1.5 GT 150 Sealed
			1	2	3	
C4-A	WHITE	24	C5-3			CAN2 HI
C4-B	WHITE	24	C5-5			CAN3 HI
C4-C	WHITE	24	C10-32			CAN3 HI
C4-D						
C4-E	WHITE/BLUE	24	C5-4			CAN2 LO
C4-F	WHITE/BLUE	24	C5-6			CAN3 LO
C4-G	WHITE/BLUE	24	C10-33			CAN3 LO
C4-H						

C5	DASH					Description
Pin	Wire Color	Gauge	Destination			12P SZ 20 DTM PLUG
			1	2	3	
C5-1	RED	20	C9-13			DASH POWER
C5-2	BLACK	20	SP5			DASH GROUND
C5-3	WHITE	24	C4-A	C9-4		CAN2 HI
C5-4	WHITE/BLUE	24	C4-E	C9-3		CAN2 LO
C5-5	WHITE	24	C4-B	C6-1		CAN3 HI
C5-6	WHITE/BLUE	24	C4-F	C6-2		CAN3 LO
C5-7						
C5-8						
C5-9						
C5-10						
C5-11						
C5-12						

C6	KEYPAD					Description
Pin	Wire Color	Gauge	Destination			4P SZ 20 DTM PLUG GREY
			1	2	3	
C6-1	WHITE	20	C5-5	C2-77		CAN3 HI
C6-2	WHITE/BLUE	20	C5-6	C2-78		CAN3 LO
C6-3	RED	20	C9-12			KEYPAD POWER
C6-4	BLACK	20	SP5			KEYPAD GROUND

C7	COMMS					Description
Pin	Wire Color	Gauge	Destination			DB9
			1	2	3	
C7-1						
C7-2	GREEN	24	C2-63			CAN1 LO
C7-3						
C7-4						
C7-5						
C7-6						
C7-7	WHITE	24	C2-62			CAN1 HI
C7-8						
C7-9						

C8	MAIN RELAY					Description
Pin	Wire Color	Gauge	Destination			4POS, MCON 1.2 CB REC 2p TL SEALED
			1	2	3	
C8-1	PINK	20	C2-87			MAIN RELAY DRIVER
C8-2	RED	20	SP2			MAIN RELAY POWER

C9	PDU					Description
Pin	Wire Color	Gauge	Destination			26POS,SUPERSEAL,REC HSG ASSY,SLD,COD 1
			1	2	3	
C9-1						
C9-2						
C9-3	WHITE/BLUE	24	C4-E	C5-4		CAN2 LO
C9-4	WHITE	24	C4-A	C5-3		CAN2 HI
C9-5	BLACK	20	SP4			PDU GROUND1
C9-6						
C9-7						
C9-8						
C9-9						
C9-10						
C9-11	BLACK	20	SP4			PDU GROUND2
C9-12	RED	20	C6-3			KEYPAD POWER
C9-13	RED	20	C5-1			DASH POWER
C9-14						
C9-15						
C9-16						
C9-17						
C9-18						
C9-19						
C9-20						
C9-21						
C9-22						
C9-23						
C9-24	BLACK	20	SP4			PDU GROUND3
C9-25						
C9-26						

C10	BMS					Description
Pin	Wire Color	Gauge	Destination			34POS,SUPERSEAL,REC HSG ASSY,SLD,COD 1
			1	2	3	
C10-1						
C10-2						
C10-3						
C10-4						
C10-5						
C10-6						
C10-7						
C10-8						
C10-9						
C10-10						
C10-11						
C10-12						
C10-13						
C10-14						
C10-15						
C10-16						
C10-17						
C10-18						
C10-19						
C10-20						
C10-21						
C10-22	RED	20	SP6			WAKE2
C10-23	GREEN	20	C3-H			CP
C10-24	BLUE	20	C3-J			PROX
C10-25	RED	20	SP2			BMS POWER
C10-26						
C10-27						
C10-28						
C10-29						
C10-30						
C10-31						
C10-32	WHITE	24	SP9			CAN3 HI
C10-33	WHITE/BLUE	24	SP10			CAN3 LO
C10-34	BLACK	20	SP3			BMS GROUND

C11	FUSE					Description
Pin	Wire Color	Gauge	Destination			2 POS MINI FUSE BOX ASSY
			1	2	3	
C11-1	RED	20	C12-1			WAKE SWITCH
C11-2	RED	16	SP2			MAIN RELAY FUSE
C11-3	RED	20	SP6			WAKE POWER
C11-4	RED	16	FL3			12V BATT +

C12	CAN1 TERMINATOR					Description
Pin	Wire Color	Gauge	Destination			DTM 2 Way Plug
			1	2	3	
C12-1	WHITE	24	C2-62			CAN1 HI
C12-2	GREEN	24	C2-63			CAN1 LO

C13	CAN3 TERMINATOR					Description
Pin	Wire Color	Gauge	Destination			DTM 2 Way Plug
			1	2	3	
C13-1	WHITE	24	C7-77			CAN3 HI
C13-2	GREEN	24	C2-78			CAN3 LO

C14	CAN3 TERMINATOR					Description
Pin	Wire Color	Gauge	Destination			DTM 2 Way Plug
			1	2	3	
C14-1	WHITE	24	C10-32			CAN3 HI
C14-2	GREEN	24	C10-33			CAN3 LO

	H-BRIDGE RESISTOR					Description
Pin	Wire Color	Gauge	Destination			Through Hole 1KOhms 1/2W 5% Mini Carbon
			1	2	3	
			SP6			1KΩ LEFT
			C1-43			1KΩ RIGHT

FL1	BRAKE					Description
Pin	Wire Color	Gauge	Destination			flying leads
			1	2	3	
	LIGHT BLUE/WHITE	20	C2-49			BRAKE SWITCH 2
	LIGHT BLUE	20	C2-30			BRAKE SWITCH 1
	BLACK/WHITE	20	C2-46			BRAKE SWITCH GROUND
	RED/WHITE	20	C2-66			BRAKE SWITCH POWER

FL2	APP					Description
Pin	Wire Color	Gauge	Destination			flying leads
			1	2	3	
	LIGHT GREEN	20	C2-65			APP1
	LIGHT GREEN/WHITE	20	C2-82			APP2
	BLACK/WHITE	20	SP8			APP GROUND 1
	BLACK/WHITE	20	SP8			APP GROUND 2
	RED/WHITE	20	SP7			APP POWER 1
	RED/WHITE	20	SP7			APP POWER 2

FL3	WAKE					Description
Pin	Wire Color	Gauge	Destination			flying leads
			1	2	3	
	RED	20	C11-1			WAKE SWITCH

FL4	12V BATT					Description
Pin	Wire Color	Gauge	Destination			flying leads
			1	2	3	
	RED	16	C11-4			12V BATT+
	BLACK	16	SP1			12V BATT-

FL5	HEATER					Description
Pin	Wire Color	Gauge	Destination			flying leads
			1	2	3	
	RED/WHITE	20	C2-28			HEATER

FL6	IMD					Description
Pin	Wire Color	Gauge	Destination			flying leads
			1	2	3	
	PINK	20	C2-47			IMD

FL7	VCU POWER					Description
Pin	Wire Color	Gauge	Destination			flying leads
			1	2	3	
	RED	16	SP9			VCU POWER

SP1	BATTERY GROUND					Description
Pin	Wire Color	Gauge	Destination			splice
			1	2	3	
	BLACK	16	FL4			12V BATT-
	BLACK	16	SP3			BATTERY GROUND EXTRA
	BLACK	16	SP1			VCU GROUND 1
	BLACK	16	SP1			VCU GROUND 2
	BLACK	16	SP1			VCU GROUND 3

SP2	MAIN RELAY POWER					Description
Pin	Wire Color	Gauge	Destination			splice
			1	2	3	
	RED	20	C8-1			MAIN RELAY POWER
	RED	20	C11-2			MAIN RELAY FUSE
	RED	20	C10-25			BMS POWER

SP3	BMS GROUND					Description
Pin	Wire Color	Gauge	Destination			splice
			1	2	3	
	BLACK	16	SP1			BATTERY GROUND EXTRA
	BLACK	16	SP5			SIGNAL GROUND EXTRA
	BLACK	16	SP4			PDU GROUND EXTRA
	BLACK	20	C10-34			BMS GROUND

SP4	PDU GROUND					Description
Pin	Wire Color	Gauge	Destination			splice
			1	2	3	
	BLACK	20	C9-5			PDU GROUND1
	BLACK	20	C9-11			PDU GROUND2
	BLACK	20	C9-24			PDU GROUND3
	BLACK	16	SP3			PDU GROUND EXTRA

SP5	INLINE SIGNAL GROUND					Description
Pin	Wire Color	Gauge	Destination			splice
			1	2	3	
	BLACK	16	C3-1			INLINE SIGNAL GROUND
	BLACK	20	C6-3			KEYPAD GROUND
	BLACK	20	C5-2			DASH GROUND
	BLACK	16	SP3			INLINE SIGNAL GROUND EXTRA




SP6	WAKE					Description
Pin	Wire Color	Gauge	Destination			splice
			1	2	3	
	RED	20	C11-3			WAKE POWER
	RED	20	C2-50			WAKE1
	RED	20	C10-22			WAKE2
	RED	20	1KΩ			H-BRIDGE

SP7	APP POWER					Description
Pin	Wire Color	Gauge	Destination			splice
			1	2	3	
	WHITE	20	C2-83			APP SENSOR POWER
	WHITE	20	FL2			APP POWER1
	WHITE	20	FL2			APP POWER2

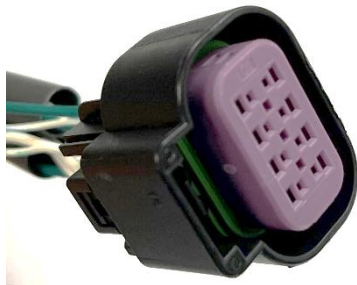
SP8	APP GROUND					Description
Pin	Wire Color	Gauge	Destination			splice
			1	2	3	
	WHITE/BLUE	20	C2-81			APP SENSOR GROUND
	WHITE/BLUE	20	FL2			APP GROUND1
	WHITE/BLUE	20	FL2			APP GROUND2

SP9	VCU POWER					Description
Pin	Wire Color	Gauge	Destination			splice
			1	2	3	
	RED	16	FL7			VCU POWER
	RED	16	C2-3			VCU POWER1
	RED	16	C2-5			VCU POWER2
	RED	16	C2-6			VCU POWER3

Harness Installation Tips

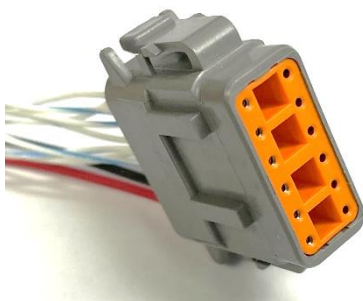
36-8601 CONNECTORS	INFORMATION & RECOMMENDED LOCATION
<p>C1 (VCU300-A) BOSCH: 1928405455</p> 	<ul style="list-style-type: none"> - MATE: AEM VCU300 Part Number: 30-8300 - RECOMMENDED LOCATION: Front of the vehicle
<p>C2 (VCU300-K) BOSCH: 1928405452</p> 	<ul style="list-style-type: none"> - MATE: AEM VCU300 Part Number: 30-8300 - RECOMMENDED LOCATION: Front of the vehicle
<p>C3 (INLINE SIGNALS) Aptiv 15326842</p> 	<ul style="list-style-type: none"> - MATE: AEM REAR LOW VOLTAGE VCU HARNESS Part Number: 30-8601

C4 (INLINE CAN)
Aptiv 15326835



- MATE: AEM REAR LOW VOLTAGE VCU Harness
Part Number: 30-8601

C5 (DASH)
TE CONNECTIVITY: DTM06-12SA



- MATE: AEM CD-7 Carbon Digital Dash Display
Part Number: 30-5700, 30-5701, 30-5702, 30-5703
Part Number: 30-5700F, 30-5701F, 30-5702F, 30-5703F
- MATE: AEM CD-5 Carbon Digital Dash Displays
Part Number: 30-5600, 30-5601, 30-5602, 30-5603
Part Number: 30-5600F, 30-5601F, 30-5602F, 30-5603F

C6 (KEYPAD)
TE CONNECTIVITY: DTM06-4S



- MATE: AEM EV 8-Button CAN Keypad
Part Number: 30-8400

C7 (COMMS)
AEM PN: 4-0146



- MATE: DB9 PORT

C8 (MAIN RELAY)
TE CONNECTIVITY: 282080-1



- MATE: AEM Egis Relay
Part Number: 5500009

C9 (PDU)
TE CONNECTIVITY: 3-1437290-7



- MATE: AEM POWER DISTRIBUTION UNIT (PDU-8)
Part Number: 30-8300
- RECOMMENDED LOCATION:
- NOTES: Installer responsible for adding power leads from PDU-8 to 12 volt loads.

C10 (BMS)

TE CONNECTIVITY: 4-1437290-0



- MATE: AEM Battery Management Systems – Master
Part Number: 30-8401M

C11 (FUSE)

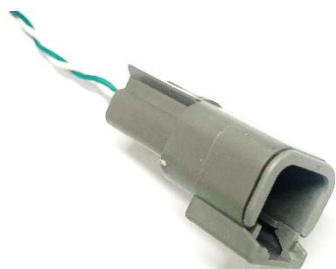
TE Connectivity: 2066046-4



- MATE: N/A
- RECOMMENDED LOCATION: As required
- NOTES: PIN 1&3: 3A
PIN 2&4: 20A

C12 (CAN1 TERMINATOR)

TE Connectivity: DTM04-2P



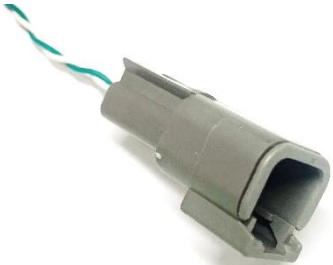
- MATE: AEM TERMINATING RESISTOR
PART NUMBER: 4-1094

C13 (CAN3 TERMINATOR)
TE Connectivity: DTM04-2P

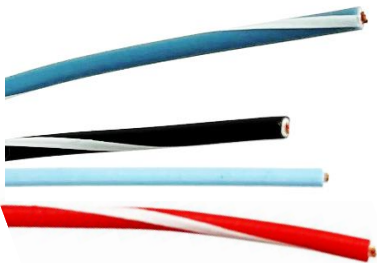


- MATE: AEM TERMINATING RESISTOR
PART NUMBER: 4-1094

C14 (CAN3 TERMINATOR)
TE Connectivity: DTM04-2P



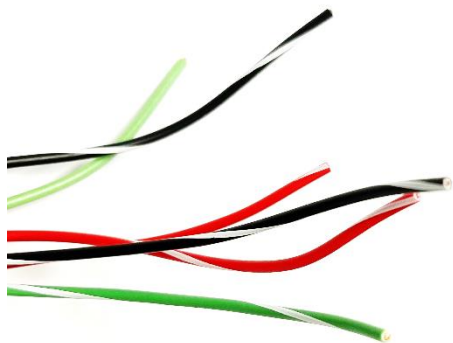
- MATE: AEM TERMINATING RESISTOR
PART NUMBER: 4-1094



FL1 (BRAKE)

- MATE: Refer to the schematic on page 4

FL 2(APP)



- MATE: Refer to the schematic on page 4

FL 3(WAKE SWITCH)



- MATE: Refer to the schematic on page 4

FL 4(12V BATT)



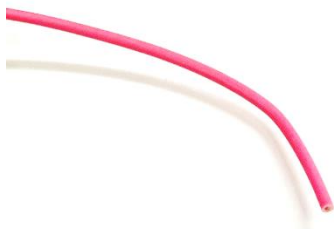
- MATE: Refer to the schematic on page 4

FL 5(HEATER)



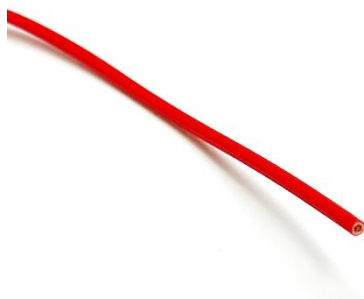
- MATE: Refer to the schematic on page 4

FL 6(IMD)



- MATE: Bender IR155 03/04

FL 7(VCU POWER)



- MATE: Refer to the schematic on page 4

CAN TERMINATING RESISTORS
AEM: 4-1094



- MATE: AEM EV VARIOUS HARNESSSES
- RECOMMENDED LOCATION: As required
- NOTES: 120Ω Resistor

Warranty

AEM Performance Electronics warrants to the consumer that all AEM Electronics products will be free from defects in material and workmanship for a period of twelve months from the date of the original purchase. Products that fail within this 12-month warranty period will be repaired or replaced when determined by us that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of the AEM Electronics part. This warranty applies only to the original purchaser of the product and is nontransferable. All implied warranties shall be limited in duration to the said 12-month warranty period. Improper use or installation, accident, abuse, unauthorized repairs, or alterations performed by the user on any AEM Electronics products voids this warranty.

In no event shall this warranty exceed the original purchase price of the AEM Electronics part nor shall AEM Electronics be responsible for special, incidental, or consequential damages or cost incurred due to the failure of this product.

AEM Electronics disclaims any liability for consequential damages due to breach of any written or implied warranty on all of its products.

Warranty returns will only be accepted by AEM Electronics when accompanied by a valid Return Merchandise Authorization (RMA) number and a dated proof of purchase. The product must be received by AEM Electronics within 30 days of the date the RMA is issued. Warranty claims to AEM Electronics must be shipped to us prepaid (we recommend a shipping service with package tracking capability). Once your package is received by our warranty and repairs department you will be notified and provided with updates.

PROCEDURES FOR ISSUANCE OF A RETURN MERCHANDISE AUTHORIZATION (RMA) NUMBER

Please note that before AEM Electronics can issue an RMA for any product, it is first necessary for the installer or end-user to contact our technical support team to discuss the problem. Most issues can be resolved over the phone. Under no circumstances should a system be returned, or an RMA requested before our support team is contacted. This will ensure that if an RMA is needed that our team is able to track your product through the warranty process.

You can reach our Tech Support Team for support on all AEM Electronics performance products by phone at 1-800-423-0046. To contact us by email for engine management systems, email us at emstech@aemelectronics.com. For all other products, email us at gen.tech@aemelectronics.com.

AEM Electronics will not be responsible for products that are installed incorrectly, installed in a non-approved application, misused, or tampered with. In the case of AEM Electronics Fuel Pumps, incorrect polarity (+&- wires crossed) will not be warranted. Proper fuel filtration before and after the fuel pump is essential to fuel pump life. Any pump returned with contamination will not be warranted.