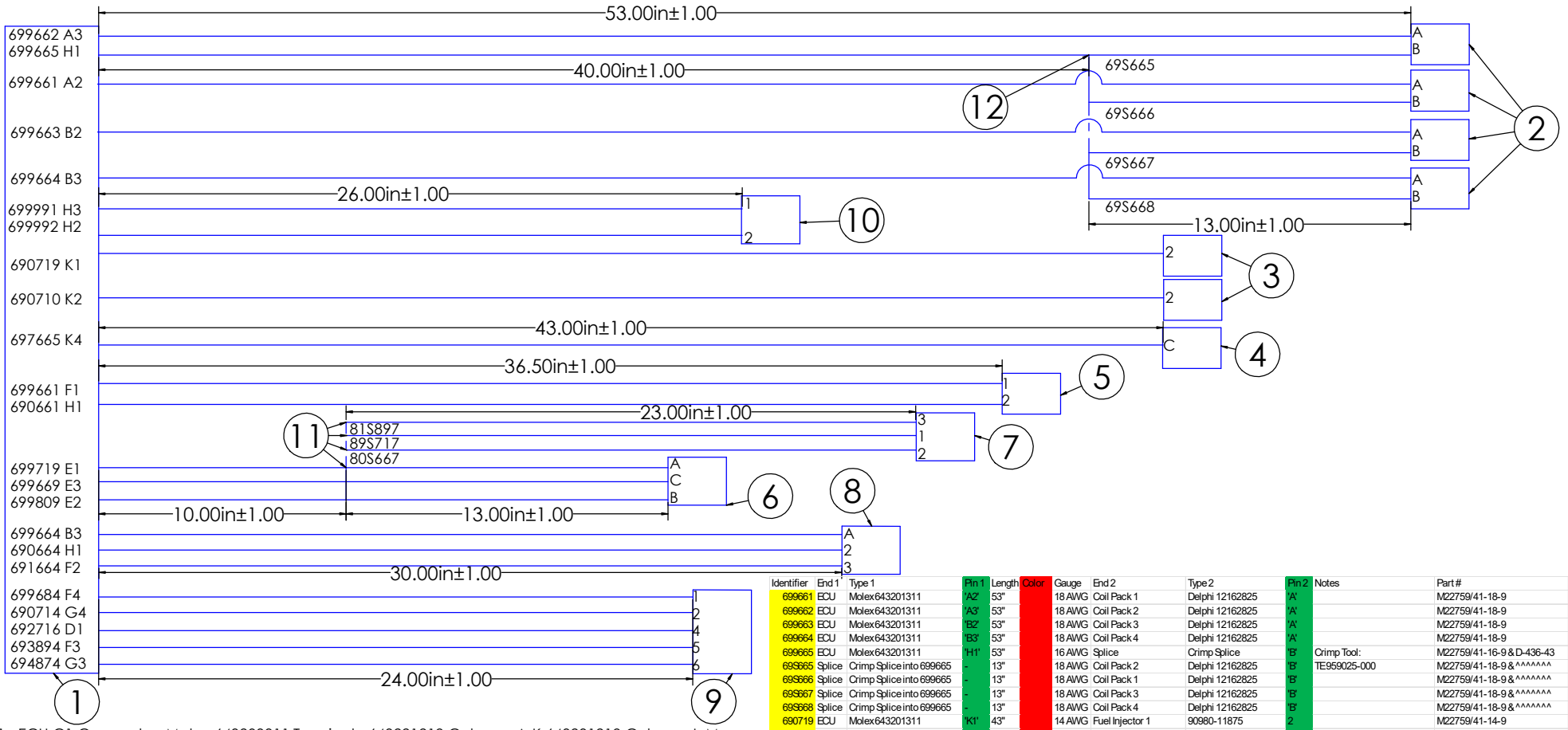

Identifier	End 1	Type 1	Pin 1	Length	Color	Gauge	End 2	Type 2	Pin 2	Notes	Part #
699661	ECU	Molex 643201311	'A2'	53"		18 AWG	Coil Pack 1	Delphi 12162825	'A'		M22759/41-18-9
699662	ECU	Molex 643201311	'A3'	53"		18 AWG	Coil Pack 2	Delphi 12162825	'A'		M22759/41-18-9
699663	ECU	Molex 643201311	'B2'	53"		18 AWG	Coil Pack 3	Delphi 12162825	'A'		M22759/41-18-9
699664	ECU	Molex 643201311	'B3'	53"		18 AWG	Coil Pack 4	Delphi 12162825	'A'		M22759/41-18-9
699665	ECU	Molex 643201311	'H1'	53"		16 AWG	Splice	Crimp Splice	'B'	Crimp Tool:	M22759/41-16-9 & D-436-43
69S665	Splice	Crimp Splice into 699665	-	13"		18 AWG	Coil Pack 2	Delphi 12162825	'B'	TE959025-000	M22759/41-18-9 & ^^^^^^^
69S666	Splice	Crimp Splice into 699665	-	13"		18 AWG	Coil Pack 1	Delphi 12162825	'B'		M22759/41-18-9 & ^^^^^^^
69S667	Splice	Crimp Splice into 699665	-	13"		18 AWG	Coil Pack 3	Delphi 12162825	'B'		M22759/41-18-9 & ^^^^^^^
69S668	Splice	Crimp Splice into 699665	-	13"		18 AWG	Coil Pack 4	Delphi 12162825	'B'		M22759/41-18-9 & ^^^^^^^
690719	ECU	Molex 643201311	'K1'	43"		14 AWG	Fuel Injector 1	90980-11875	2		M22759/41-14-9
690710	ECU	Molex 643201311	'K2'	43"		14 AWG	Fuel Injector 2	90980-11875	2		M22759/41-14-9
690714	ECU	Molex 643201311	'G4'	24"	Red	18 AWG	LSU	D261.205.356-01	2		M27500-18TG4T14
693894	ECU	Molex 643201311	'F3'	24"	Blue	18 AWG	LSU	D261.205.356-01	5		^^^^^^^^
694874	ECU	Molex 643201311	'G3'	24"	Yellow	18 AWG	LSU	D261.205.356-01	6		^^^^^^^^
692716	ECU	Molex 643201311	'D1'	24"	Green	18 AWG	LSU	D261.205.356-01	4		^^^^^^^^
699809	ECU	Molex 643201311	'E2'	43"	Red	18 AWG	Veronte 1X CAN Bus	DT06-3S	'B'	Twisted Pair | ECU to Veronte	M27500-18TG3T14
699719	ECU	Molex 643201311	'E1'	43"	Blue	18 AWG	Veronte 1X CAN Bus	DT06-3S	'A'	Twisted Pair | ECU to Veronte	^^^^^^^^
699669	ECU	Molex 643201311	'E3'	43"	Yellow	18 AWG	Veronte 1X CAN Bus	DT06-3S	'C'	Twisted Pair | ECU to Veronte	^^^^^^^^
690661	ECU	Molex 643201311	'H1'	36.5"		18 AWG	Coolant/Crank Sensor	Sumitomo 6180-2181	2		M22759/41-18-9
699661	ECU	Molex 643201311	'F1'	36.5"		18 AWG	Coolant/Crank Sensor	Sumitomo 6180-2181	1		M22759/41-18-9
699664	ECU	Molex 643201311	'H1'	30"		18 AWG	MAF Sensor	Bosch 1928405138	1		M22759/41-18-9
697665	ECU	Molex 643201311	'K4'	43"		18 AWG	Rotor	DT04-3P	C		M22759/41-18-9
81S897	Splice	Crimp Splice into 699719	-	33"	Blue	18 AWG	Throttle Servo CAN	DTM04-3P	3	Crimp Tool:	D-436-52 & M27500-18TG3T14
89S717	Splice	Crimp Splice into 699669	-	33"	Yellow	18 AWG	Throttle Servo CAN	DTM04-3P	1	TE959025-000	D-436-52 & ^^^^^^^
80S667	Splice	Crimp Splice into 699809	-	33"	Red	18 AWG	Throttle Servo CAN	DTM04-3P	2		D-436-52 & ^^^^^^^
699991	ECU	Molex 643201311	H3	26"		18 AWG	Crank Sensor	Sumitomo 6180-2451	1		M22759/41-18-9
699992	ECU	Molex 643201311	H2	26"		18 AWG	Crank Sensor	Sumitomo 6180-2451	2		M22759/41-18-9

1. ECU C1 Connector: Molex 643203311 Terminals: 643221219 Columns A-K 643231219 Columns L-M Plugs: 643251010 Columns A-K 643251023 Columns L-M Tooling for A-K: 638119100 Tooling for L-M: 638118900
2. Coil Packs Connector: 12162825 Terminals: 12124075 Tooling: Delphi T-18
3. Fuel Injectors Connector: TS090-2S-8 Terminals: TS090-SKT2 Seals: TS090-SL6
4. Rotor Connector: DT04-3P Terminals: 0460-202-1631 Lock: W3P-1939 Tooling: HDT-48-00
5. Coolant Connector: Sumitomo 6180-2181 Terminals: 1500-0110
6. ECU CAN Connector: DT06-3S Terminals: 0462-201-16141 Lock: W3S-P012 Tooling: HDT-48-00
7. Throttle Servo Connector: DTM04-3P Terminals: 0460-010-20141 Tooling: HDT-48-00
8. MAF Connector: Bosch 1928405138 Terminals: Bosch 1928498146 Seals: Bosch 1928300936
9. LSU Connector: BMS CONN-00175 Terminals: BMS CONN-10575 Seals: BMS CONN-56057
10. Crank Sensor: Connector: Sumitomo 6180-2451 Terminals: 1500-0106 Seals: 7160-8234
11. D-436-37 Crimps. Tool: TE 959025-000
12. Single D-436-43 Crimp. 2 on side (699662 + 69S665), 3 (69S66{6,7,8}) on the other. Heat shrink the wire (69S665) that crosses the crimp for added support. Tool: TE 959025-000

Color column refers to inner wire color of multi-wire bundle. Up caret (^) designates inner wire as belonging to above part number or conjunction into a crimp.

TITLE: ECU_C1

SIZE D | DWG. NO. | REV A

SCALE: 1:2 | SHEET 1 OF 1