

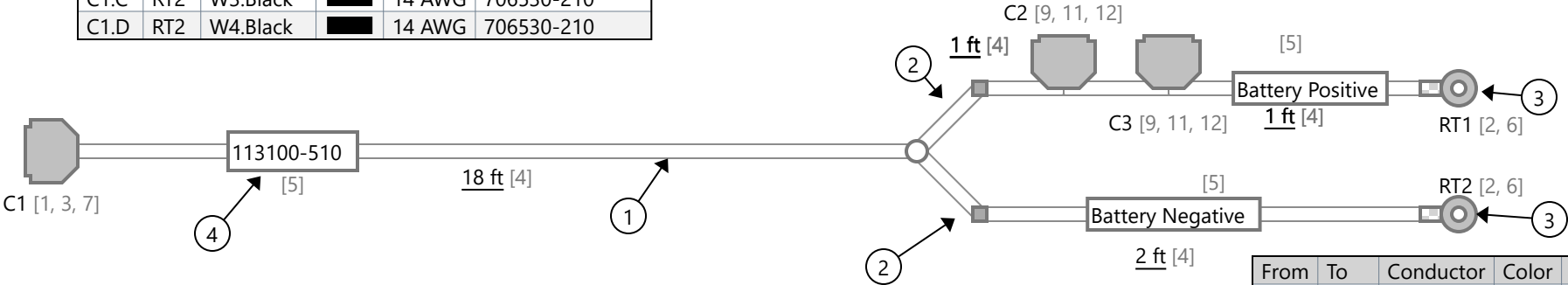
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Revisions			
Rev.	Date	Author	Description
A	4/13/2019	Cooper Morris	Production release

From	To	Conductor	Color	Gauge	From Contact PN
C1.A	C2.2	W5.Red	Red	14 AWG	706530-210
C1.B	C3.2	W6.Red	Red	14 AWG	706530-210
C1.C	RT2	W3.Black	Black	14 AWG	706530-210
C1.D	RT2	W4.Black	Black	14 AWG	706530-210

From	To	Conductor	Color	Gauge
RT1	C2.1	W1.Red	Red	14 AWG
RT1	C3.1	W2.Red	Red	14 AWG



From	To	Conductor	Color	Gauge
RT2	C1.C	W3.Black	Black	14 AWG
RT2	C1.D	W4.Black	Black	14 AWG

Coverings	
Id	Assembly
[4]	

Bill of Materials				
Id	Type	Part Number	Quantity	Description
1	Connector	706510-504	1	PACKARD SHROUD 4-PIN
2	Ring Terminal	715005-147	2	Terminal, Ring, 3/8", 10-12Ga
3	Contact	706530-210	4	Terminal, Female, 14-16 Ga.
4	Sleeving	708000-015	22 ft	Braiding
5	Label	Generic White Label	3	Generic Label
6	Heat Shrink	708000-162	2	Tube, Shrink 1/4" x 1.25"
7	Wire Seal	706500-001	4	Seal, Cable, 16-18 Ga. Green
8	Wire	708000-150	40 ft	Wire, 14Ga. Black
9	Connector	705726-140	2	Fuse Holder w/Seals
10	Wire	708000-157	40 ft	Wire, 14Ga. Red
11	Fuse	705725-141	2	Fuse, 20 Amp
12	Contact	705726-138	4	Terminal. Fuse 12-10 Ga.

Notes	
①	Braid 4 wires together
②	Braid 2 wires together
③	Twist 2 wires together. Solder and crimp. Apply shrink tube.
④	Label as required

	Name	Date	Title
Drawn By	----	----	ORCHARD BATTERY HARNESS 20FT
Eng Approved	----	----	
Mfg Approved	----	----	
QA	----	----	
DWG No: 113100-512			REV A

Title:	ORCHARD BATTERY HARNESS 20FT
Part Number:	113100-512



Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector		706510-504	PACKARD SHROUD 4-PIN	1	C1
2	Ring Terminal		715005-147	Terminal, Ring, 3/8", 10-12Ga	2	RT1, RT2
3	Contact		706530-210	Terminal, Female, 14-16 Ga.	4	See Wiring Table
4	Sleeving		708000-015	Braiding	22 ft	See Drawing
5	Label		Generic White Label	Generic Label	3	See Drawing
6	Heat Shrink		708000-162	Tube, Shrink 1/4" x 1.25"	2	RT1, RT2
7	Wire Seal		706500-001	Seal, Cable, 16-18 Ga. Green	4	See Wiring Table
8	Wire		708000-150	Wire, 14Ga. Black	40 ft	W3, W4
9	Connector		705726-140	Fuse Holder w/Seals	2	C2, C3
10	Wire		708000-157	Wire, 14Ga. Red	40 ft	W1, W2, W5, W6
11	Fuse		705725-141	Fuse, 20 Amp	2	See Drawing
12	Contact		705726-138	Terminal. Fuse 12-10 Ga.	4	See Wiring Table

Title:	ORCHARD BATTERY HARNESS 20FT
Part Number:	113100-512



From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	To Contact PN	From Wire Seal PN	To Wire Seal PN	Notes
C1.A	C2.2	 W5.Red	708000-157		14 AWG	19 ft	706530-210	705726-138	706500-001		
C1.B	C3.2	 W6.Red	708000-157		14 AWG	19 ft	706530-210	705726-138	706500-001		
C1.C	RT2	 W3.Black	708000-150		14 AWG	20 ft	706530-210		706500-001		
C1.D	RT2	 W4.Black	708000-150		14 AWG	20 ft	706530-210		706500-001		
C2.1	RT1	 W1.Red	708000-157		14 AWG	1 ft	705726-138				
C2.2	C1.A	 W5.Red	708000-157		14 AWG	19 ft	705726-138	706530-210		706500-001	
C3.1	RT1	 W2.Red	708000-157		14 AWG	1 ft	705726-138				
C3.2	C1.B	 W6.Red	708000-157		14 AWG	19 ft	705726-138	706530-210		706500-001	
RT1	C2.1	 W1.Red	708000-157		14 AWG	1 ft		705726-138			
RT1	C3.1	 W2.Red	708000-157		14 AWG	1 ft		705726-138			
RT2	C1.C	 W3.Black	708000-150		14 AWG	20 ft		706530-210		706500-001	
RT2	C1.D	 W4.Black	708000-150		14 AWG	20 ft		706530-210		706500-001	

Title:	ORCHARD BATTERY HARNESS 20FT
Part Number:	113100-512



#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Wire	W1		708000-157	 Red	14 AWG	1 ft	
2	Wire	W2		708000-157	 Red	14 AWG	1 ft	
3	Wire	W3		708000-150	 Black	14 AWG	20 ft	
4	Wire	W4		708000-150	 Black	14 AWG	20 ft	
5	Wire	W5		708000-157	 Red	14 AWG	19 ft	
6	Wire	W6		708000-157	 Red	14 AWG	19 ft	

Title:	ORCHARD BATTERY HARNESS 20FT
Part Number:	113100-512



#	Manufacturer	Part Number	Description	Label Text
1		Generic White Label	Generic Label	113100-510
2		Generic White Label	Generic Label	Battery Positive
3		Generic White Label	Generic Label	Battery Negative