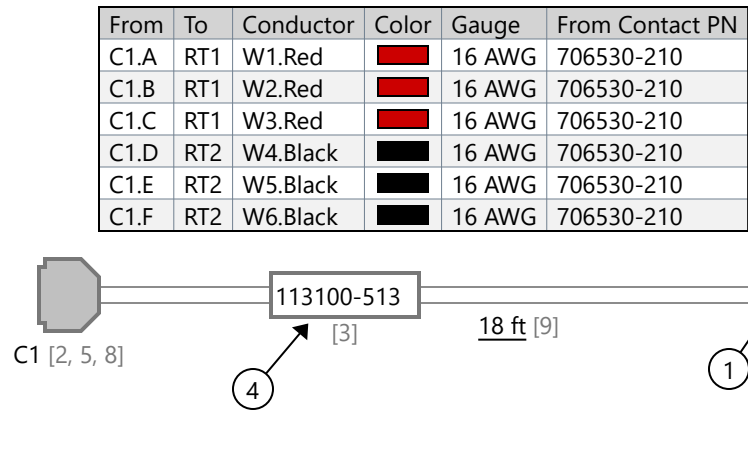


PROPRIETARY AND CONFIDENTIAL

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



From	To	Conductor	Color	Gauge
RT1	C1.A	W1.Red		16 AWG
RT1	C1.B	W2.Red		16 AWG
RT1	C1.C	W3.Red		16 AWG

From	To	Conductor	Color	Gauge
RT2	C1.D	W4.Black		16 AWG
RT2	C1.E	W5.Black		16 AWG
RT2	C1.F	W6.Black		16 AWG

Coverings	
Id	Assembly
[9]	

Bill of Materials				
Id	Type	Part Number	Quantity	Description
1	Ring Terminal	715005-147	2	Terminal, Ring, 3/8", 10-12Ga
2	Contact	706530-210	6	Terminal, Female, 14-16 Ga.
3	Label	Generic White Label	3	Generic Label
4	Heat Shrink	708000-162	2	Tube, Shrink 1/4" x 1.25"
5	Connector	706510-506	1	PACKARD SHROUD 6-PIN
6	Wire	708000-173	60 ft	Wire, 16Ga. Red
7	Wire	708000-170	60 ft	Wire, 16Ga. Black
8	Wire Seal	706500-001	6	Seal, Cable, 16-18 Ga. Green
9	Sleeving	708000-015	22 ft	Braiding

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 ORCHARD BATTERY HARNESS W SERVO 20FT DWG No: 113100-513 REV A
Drawn By		----	
Eng Approved		----	
Mfg Approved		----	
QA		----	

Title:	ORCHARD BATTERY HARNESS W SERVO 20FT
Part Number:	113100-513



Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Ring Terminal		715005-147	Terminal, Ring, 3/8", 10-12Ga	2	RT1, RT2
2	Contact		706530-210	Terminal, Female, 14-16 Ga.	6	See Wiring Table
3	Label		Generic White Label	Generic Label	3	See Drawing
4	Heat Shrink		708000-162	Tube, Shrink 1/4" x 1.25"	2	RT1, RT2
5	Connector		706510-506	PACKARD SHROUD 6-PIN	1	C1
6	Wire		708000-173	Wire, 16Ga. Red	60 ft	W1, W2, W3
7	Wire		708000-170	Wire, 16Ga. Black	60 ft	W4, W5, W6
8	Wire Seal		706500-001	Seal, Cable, 16-18 Ga. Green	6	See Wiring Table
9	Sleeving		708000-015	Braiding	22 ft	See Drawing

Title:	ORCHARD BATTERY HARNESS W SERVO 20FT
Part Number:	113100-513



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	RT1	 W1.Red	708000-173		16 AWG	20 ft	706530-210		706500-001		
C1.B	RT1	 W2.Red	708000-173		16 AWG	20 ft	706530-210		706500-001		
C1.C	RT1	 W3.Red	708000-173		16 AWG	20 ft	706530-210		706500-001		
C1.D	RT2	 W4.Black	708000-170		16 AWG	20 ft	706530-210		706500-001		
C1.E	RT2	 W5.Black	708000-170		16 AWG	20 ft	706530-210		706500-001		
C1.F	RT2	 W6.Black	708000-170		16 AWG	20 ft	706530-210		706500-001		
RT1	C1.A	 W1.Red	708000-173		16 AWG	20 ft		706530-210		706500-001	
RT1	C1.B	 W2.Red	708000-173		16 AWG	20 ft		706530-210		706500-001	
RT1	C1.C	 W3.Red	708000-173		16 AWG	20 ft		706530-210		706500-001	
RT2	C1.D	 W4.Black	708000-170		16 AWG	20 ft		706530-210		706500-001	
RT2	C1.E	 W5.Black	708000-170		16 AWG	20 ft		706530-210		706500-001	
RT2	C1.F	 W6.Black	708000-170		16 AWG	20 ft		706530-210		706500-001	

Title:	ORCHARD BATTERY HARNESS W SERVO 20FT
Part Number:	113100-513



#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Wire	W1		708000-173	 Red	16 AWG	20 ft	
2	Wire	W2		708000-173	 Red	16 AWG	20 ft	
3	Wire	W3		708000-173	 Red	16 AWG	20 ft	
4	Wire	W4		708000-170	 Black	16 AWG	20 ft	
5	Wire	W5		708000-170	 Black	16 AWG	20 ft	
6	Wire	W6		708000-170	 Black	16 AWG	20 ft	

Title:	ORCHARD BATTERY HARNESS W SERVO 20FT
Part Number:	113100-513



#	Manufacturer	Part Number	Description	Label Text
1		Generic White Label	Generic Label	113100-513
2		Generic White Label	Generic Label	Battery Positive
3		Generic White Label	Generic Label	Battery Negative