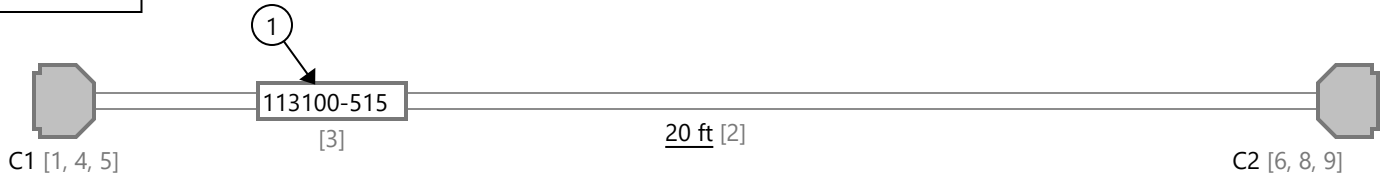


PROPRIETARY AND CONFIDENTIAL

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

Notes
1 Label as required



From	To	Conductor	Color	Gauge	From Contact PN
C1.1	C2.A	W1.Red	Red	14 AWG	706530-130
C1.2	C2.B	W2.Red	Red	14 AWG	706530-130
C1.3	C2.C	W3.Red	Red	16 AWG	706530-130
C1.4					706530-133
C1.5					706530-133
C1.6	C2.D	W4.Black	Black	14 AWG	706530-130
C1.7	C2.E	W5.Black	Black	14 AWG	706530-130
C1.8	C2.F	W6.Black	Black	16 AWG	706530-130

From	To	Conductor	Color	Gauge	From Contact PN
C2.A	C1.1	W1.Red	Red	14 AWG	706530-206
C2.B	C1.2	W2.Red	Red	14 AWG	706530-206
C2.C	C1.3	W3.Red	Red	16 AWG	706530-206
C2.D	C1.6	W4.Black	Black	14 AWG	706530-206
C2.E	C1.7	W5.Black	Black	14 AWG	706530-206
C2.F	C1.8	W6.Black	Black	16 AWG	706530-206

Bill of Materials				
Id	Type	Part Number	Quantity	Description
1	Connector	706530-131	1	CONNECTOR PLUG 8-PIN AMPSEAL BLACK
2	Sleeving	708000-015	20 ft	Braiding
3	Label	Generic White Label	1	Generic Label
4	Contact	706530-130	6	Contact, Socket 16-18ga, Ampseal, Gold
5	Contact	706530-133	2	Plug, Cavity, Ampseal
6	Wire Seal	706500-001	6	Seal, Cable, 16-18 Ga. Green
7	Wire	708000-173	20 ft	Wire, 16Ga. Red
8	Contact	706530-206	6	Terminal, Female, 16-18Ga
9	Connector	706510-506	1	Shroud, 6 Pin
10	Wire	708000-170	20 ft	Wire, 16Ga. Black
11	Wire	708000-157	40 ft	Wire, 14Ga. Red
12	Wire	708000-150	40 ft	Wire, 14Ga. Black

 CapstanAG™			
	Name	Date	Title
Drawn By	----	----	ORCHARD POWER HARNESS 20FT W SERVO
Eng Approved	----	----	
Mfg Approved	----	----	
QA	----	----	DWG No: 113100-515
			REV A

Title:	ORCHARD POWER HARNESS 20FT W SERVO
Part Number:	113100-515



Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector		706530-131	CONNECTOR PLUG 8-PIN AMPSEAL BLACK	1	C1
2	Sleeving		708000-015	Braiding	20 ft	See Drawing
3	Label		Generic White Label	Generic Label	1	See Drawing
4	Contact		706530-130	Contact, Socket 16-18ga, Ampseal, Gold	6	See Wiring Table
5	Contact		706530-133	Plug, Cavity, Ampseal	2	See Wiring Table
6	Wire Seal		706500-001	Seal, Cable, 16-18 Ga. Green	6	See Wiring Table
7	Wire		708000-173	Wire, 16Ga. Red	20 ft	W3
8	Contact		706530-206	Terminal, Female, 16-18Ga	6	See Wiring Table
9	Connector		706510-506	Shroud, 6 Pin	1	C2
10	Wire		708000-170	Wire, 16Ga. Black	20 ft	W6
11	Wire		708000-157	Wire, 14Ga. Red	40 ft	W1, W2
12	Wire		708000-150	Wire, 14Ga. Black	40 ft	W4, W5

Title:	ORCHARD POWER HARNESS 20FT W SERVO
Part Number:	113100-515



From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	To Contact PN	From Wire Seal PN	To Wire Seal PN	Notes
C1.1	C2.A	 W1.Red	708000-157		14 AWG	20 ft	706530-130	706530-206		706500-001	
C1.2	C2.B	 W2.Red	708000-157		14 AWG	20 ft	706530-130	706530-206		706500-001	
C1.3	C2.C	 W3.Red	708000-173		16 AWG	20 ft	706530-130	706530-206		706500-001	
C1.6	C2.D	 W4.Black	708000-150		14 AWG	20 ft	706530-130	706530-206		706500-001	
C1.7	C2.E	 W5.Black	708000-150		14 AWG	20 ft	706530-130	706530-206		706500-001	
C1.8	C2.F	 W6.Black	708000-170		16 AWG	20 ft	706530-130	706530-206		706500-001	
C2.A	C1.1	 W1.Red	708000-157		14 AWG	20 ft	706530-206	706530-130	706500-001		
C2.B	C1.2	 W2.Red	708000-157		14 AWG	20 ft	706530-206	706530-130	706500-001		
C2.C	C1.3	 W3.Red	708000-173		16 AWG	20 ft	706530-206	706530-130	706500-001		
C2.D	C1.6	 W4.Black	708000-150		14 AWG	20 ft	706530-206	706530-130	706500-001		
C2.E	C1.7	 W5.Black	708000-150		14 AWG	20 ft	706530-206	706530-130	706500-001		
C2.F	C1.8	 W6.Black	708000-170		16 AWG	20 ft	706530-206	706530-130	706500-001		

Title:	ORCHARD POWER HARNESS 20FT W SERVO
Part Number:	113100-515



#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Wire	W1		708000-157	 Red	14 AWG	20 ft	
2	Wire	W2		708000-157	 Red	14 AWG	20 ft	
3	Wire	W3		708000-173	 Red	16 AWG	20 ft	
4	Wire	W4		708000-150	 Black	14 AWG	20 ft	
5	Wire	W5		708000-150	 Black	14 AWG	20 ft	
6	Wire	W6		708000-170	 Black	16 AWG	20 ft	

Title:	ORCHARD POWER HARNESS 20FT W SERVO
Part Number:	113100-515



#	Manufacturer	Part Number	Description	Label Text
1		Generic White Label	Generic Label	113100-515