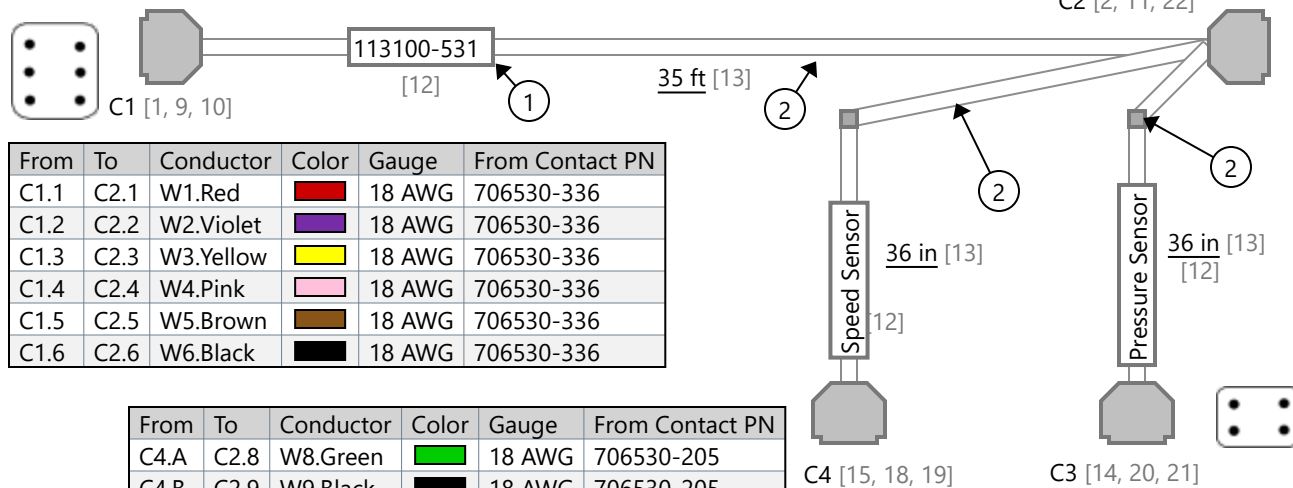


PROPRIETARY AND CONFIDENTIAL

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From	To	Conductor	Color	Gauge	From Contact PN
C1.1	C2.1	W1.Red	Red	18 AWG	706530-336
C1.2	C2.2	W2.Violet	Violet	18 AWG	706530-336
C1.3	C2.3	W3.Yellow	Yellow	18 AWG	706530-336
C1.4	C2.4	W4.Pink	Pink	18 AWG	706530-336
C1.5	C2.5	W5.Brown	Brown	18 AWG	706530-336
C1.6	C2.6	W6.Black	Black	18 AWG	706530-336

From	To	Conductor	Color	Gauge	From Contact PN
C4.A	C2.8	W8.Green	Green	18 AWG	706530-205
C4.B	C2.9	W9.Black	Black	18 AWG	706530-205
C4.C	C2.7	W7.Red	Red	18 AWG	706530-205

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

From	To	Conductor	Color	Gauge	From Contact PN
C2.1	C1.1	W1.Red	Red	18 AWG	706530-287
C2.2	C1.2	W2.Violet	Violet	18 AWG	706530-287
C2.3	C1.3	W3.Yellow	Yellow	18 AWG	706530-287
C2.4	C1.4	W4.Pink	Pink	18 AWG	706530-287
C2.5	C1.5	W5.Brown	Brown	18 AWG	706530-287
C2.6	C1.6	W6.Black	Black	18 AWG	706530-287
C2.7	C4.C	W7.Red	Red	18 AWG	706530-287
C2.8	C4.A	W8.Green	Green	18 AWG	706530-287
C2.9	C4.B	W9.Black	Black	18 AWG	706530-287
C2.10	C3.2	W10.Red	Red	18 AWG	706530-287
C2.11	C3.4	W11.White	White	18 AWG	706530-287
C2.12	C3.1	W12.Black	Black	18 AWG	706530-287
C2.13					706530-133
C2.14					706530-133

From	To	Conductor	Color	Gauge	From Contact PN
C3.1	C2.12	W12.Black	Black	18 AWG	706530-335
C3.2	C2.10	W10.Red	Red	18 AWG	706530-335
C3.4	C2.11	W11.White	White	18 AWG	706530-335

Bill of Materials

Id	Type	Part Number	Quantity	Description
1	Connector	706530-306	1	Plug, 6 Pin DT
2	Connector	706530-132	1	CONNECTOR PLUG 14-PIN AMPSEAL BLACK
3	Wire	708000-176	41 ft	Wire 18 Ga. Red
4	Wire	708000-185	35 ft	Wire 18 Ga. Violet
5	Wire	708000-182	35 ft	Wire, 18 Ga. Yellow
6	Wire	708000-183	35 ft	Wire, 18 Ga. Pink
7	Wire	708000-179	35 ft	Wire, 18 Ga. Brown
8	Wire	708000-177	41 ft	Wire, 18 Ga. Black
9	Lock	706530-316	1	Wedge, Plug, 6 Pin DT
10	Contact	706530-336	6	Terminal, Socket, 16-18 Ga.
11	Contact	706530-287	12	Contact, Socket, 16-18 Ga. TE Amp Seal
12	Label	Generic White Label	3	Generic Label
13	Sleeving	708000-015	492 in	Braiding
14	Connector	706530-325	1	Receptacle, 4 Pin DT
15	Connector	706510-503	1	Shroud, 3 Pin
16	Wire	708000-174	36 in	Wire, 18 Ga. Green
17	Wire	708000-175	36 in	Wire, 18Ga, White
18	Contact	706530-205	3	Terminal, Pin, 16-18 Ga. WP
19	Wire Seal	706500-001	3	Seal, Cable, 16-18 Ga. Green
20	Contact	706530-346	1	Plug, Cavity, White
21	Contact	706530-335	3	Terminal, Pin, 16-18 Ga.
22	Contact	706530-133	2	Plug, Cavity, Ampseal

Coverings

Id	Assembly
[13]	

Notes

- 1 Label as required
- 2 Braid wire bundle



	Name	Date	Title
Drawn By	----	----	ORCHARD ACCESSORY HARNESS
Eng Approved	----	----	
Mfg Approved	----	----	
QA	----	----	
DWG No: 113100-531			REV A

Title:	ORCHARD ACCESSORY HARNESS
Part Number:	113100-531



Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector		706530-306	Plug, 6 Pin DT	1	C1
2	Connector		706530-132	CONNECTOR PLUG 14-PIN AMPSEAL BLACK	1	C2
3	Wire		708000-176	Wire 18 Ga. Red	41 ft	W1, W7, W10
4	Wire		708000-185	Wire 18 Ga. Violet	35 ft	W2
5	Wire		708000-182	Wire, 18 Ga. Yellow	35 ft	W3
6	Wire		708000-183	Wire, 18 Ga. Pink	35 ft	W4
7	Wire		708000-179	Wire, 18 Ga. Brown	35 ft	W5
8	Wire		708000-177	Wire, 18 Ga. Black	41 ft	W6, W9, W12
9	Lock		706530-316	Wedge, Plug, 6 Pin DT	1	C1
10	Contact		706530-336	Terminal, Socket, 16-18 Ga.	6	See Wiring Table
11	Contact		706530-287	Contact, Socket, 16-18 Ga. TE Amp Seal	12	See Wiring Table
12	Label		Generic White Label	Generic Label	3	See Drawing
13	Sleeving		708000-015	Braiding	492 in	See Drawing
14	Connector		706530-325	Receptacle, 4 Pin DT	1	C3
15	Connector		706510-503	Shroud, 3 Pin	1	C4
16	Wire		708000-174	Wire, 18 Ga. Green	36 in	W8
17	Wire		708000-175	Wire, 18Ga, White	36 in	W11
18	Contact		706530-205	Terminal, Pin, 16-18 Ga. WP	3	See Wiring Table
19	Wire Seal		706500-001	Seal, Cable, 16-18 Ga. Green	3	See Wiring Table
20	Contact		706530-346	Plug, Cavity, White	1	See Wiring Table
21	Contact		706530-335	Terminal, Pin, 16-18 Ga.	3	See Wiring Table
22	Contact		706530-133	Plug, Cavity, Ampseal	2	See Wiring Table

Title:	----
Part Number:	113100-531
Description:	ORCHARD ACCESSORY HARNESS

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
C1.1	C2.1	 W1.Red	708000-176		18 AWG	35 ft	706530-336	
C1.2	C2.2	 W2.Violet	708000-185		18 AWG	35 ft	706530-336	
C1.3	C2.3	 W3.Yellow	708000-182		18 AWG	35 ft	706530-336	
C1.4	C2.4	 W4.Pink	708000-183		18 AWG	35 ft	706530-336	
C1.5	C2.5	 W5.Brown	708000-179		18 AWG	35 ft	706530-336	
C1.6	C2.6	 W6.Black	708000-177		18 AWG	35 ft	706530-336	
C2.7	C4.C	 W7.Red	708000-176		18 AWG	36 in	706530-287	
C2.8	C4.A	 W8.Green	708000-174		18 AWG	36 in	706530-287	
C2.9	C4.B	 W9.Black	708000-177		18 AWG	36 in	706530-287	
C2.10	C3.2	 W10.Red	708000-176		18 AWG	36 in	706530-287	
C2.11	C3.4	 W11.White	708000-175		18 AWG	36 in	706530-287	
C2.12	C3.1	 W12.Black	708000-177		18 AWG	36 in	706530-287	

Title:	----
Part Number:	113100-531
Description:	ORCHARD ACCESSORY HARNESS

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Wire	W1		708000-176	 Red	18 AWG	35 ft	
2	Wire	W2		708000-185	 Violet	18 AWG	35 ft	
3	Wire	W3		708000-182	 Yellow	18 AWG	35 ft	
4	Wire	W4		708000-183	 Pink	18 AWG	35 ft	
5	Wire	W5		708000-179	 Brown	18 AWG	35 ft	
6	Wire	W6		708000-177	 Black	18 AWG	35 ft	
7	Wire	W7		708000-176	 Red	18 AWG	36 in	
8	Wire	W8		708000-174	 Green	18 AWG	36 in	
9	Wire	W9		708000-177	 Black	18 AWG	36 in	
10	Wire	W10		708000-176	 Red	18 AWG	36 in	
11	Wire	W11		708000-175	 White	18 AWG	36 in	
12	Wire	W12		708000-177	 Black	18 AWG	36 in	

Title:	----
Part Number:	113100-531
Description:	ORCHARD ACCESSORY HARNESS



#	Manufacturer	Part Number	Description	Label Text
1		Generic White Label	Generic Label	113100-531
2		Generic White Label	Generic Label	Speed Sensor
3		Generic White Label	Generic Label	Pressure Sensor