

NOTE: LABEL HARNESS W/ PART #, REV., AND MFG. DATE.

LABEL THE FOLLOWING CONNECTORS 6" FROM THE END OF THE CONNECTOR AS FOLLOWS:

- B: PWM 1/LH
- C: ENCODER 1/LH
- D: ENCODER 2/RH
- E: PWM 2/RH
- F: IMP. SWITCH
- G: FAN PRESSURE

LEAVE WIRE EXPOSED 1-2" AT CONNECTORS. USE BACKSHELLS WHERE APPLICABLE.

BACKBRAID OR HEATSHRINK BRAIDED SLEEVE ENDS OR CABLE SHEATH ENDS.

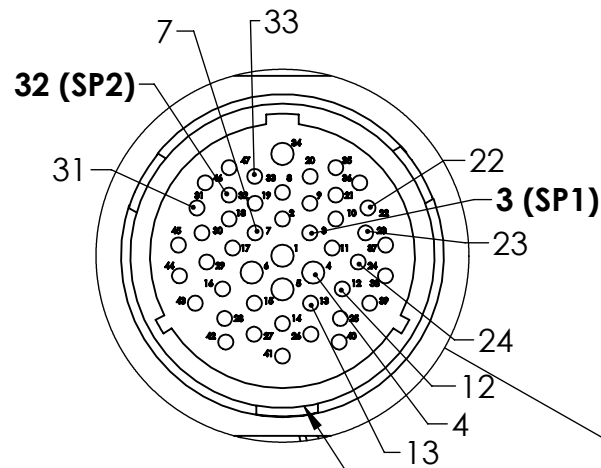
POPULATE UNUSED TERMINAL CAVITIES W/ PLUGS.

CAP CONNECTORS D, E, F, AND G.

CAN USE 1 M 22 AWG M12 CABLE SPLICED TO 18 AWG GXL WIRE TO CONNECTOR A.

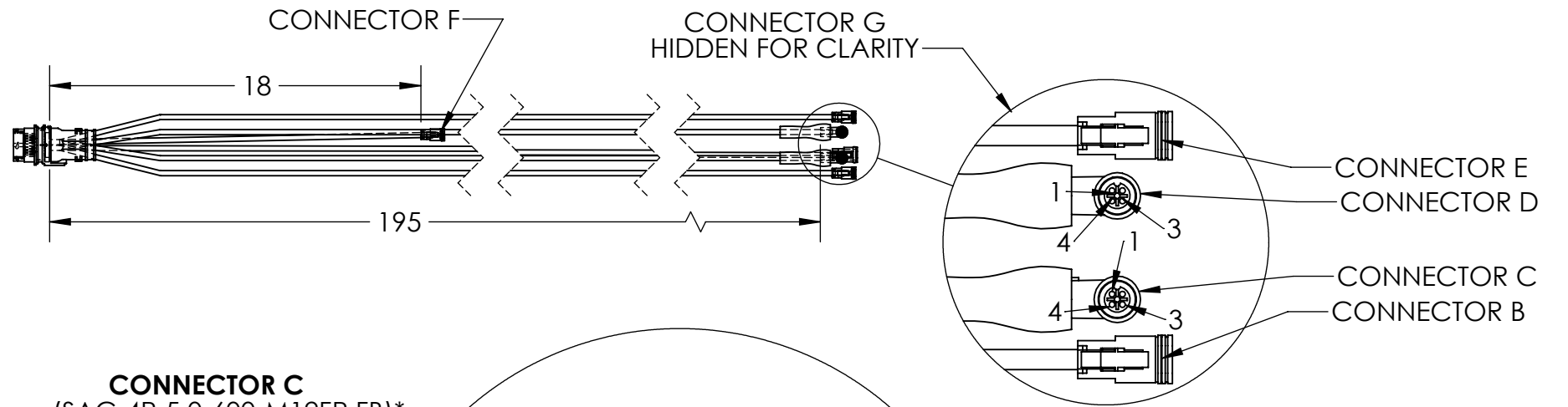
USE GXL WIRE FOR DISCRETE WIRE.

ALL COLORED HEAT SHRINK SHOULD BE 4-6" FROM THE CONNECTOR.



CONNECTOR A
(HDP24-24-47PE-L017)
2428-010-2405 BACKSHELL

1



CONNECTOR C
(SAC-4P-5,0-600-M12FR FB)*
RED SHRINK WRAP
(195") 3

CONNECTOR B
(DT06-2S-C015)
RED SHRINK WRAP
(195") 2

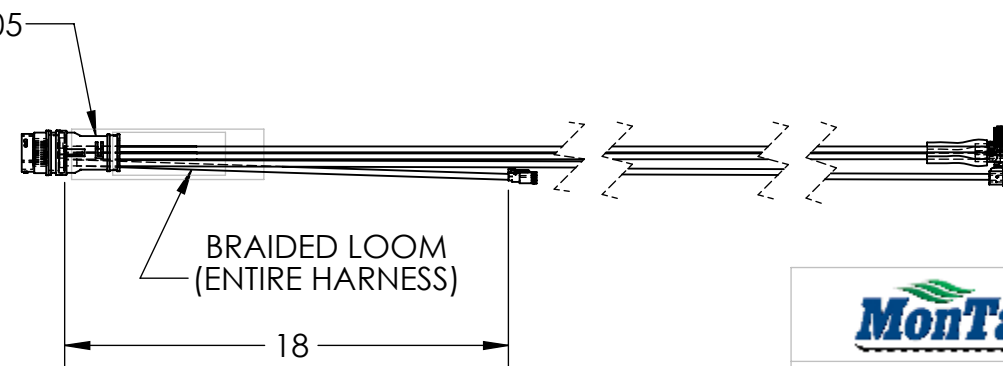
CONNECTOR G
(DT06-3S-C015)
SHRINK WRAP
(195") 4

CONNECTOR D
(SAC-4P-5,0-600-M12FR FB)*
GRAY SHRINK WRAP
(195") 3

CONNECTOR E
(DT06-2S-C015)
GRAY SHRINK WRAP
(195") 2

CONNECTOR F
(DT06-2S-C015)
SHRINK WRAP
(18") 2

2428-010-2405



BRAIDED LOOM
(ENTIRE HARNESS)

18

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVAL
A	RELEASED FOR PRODUCTION	9/4/2019	IJM

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	HDP24-24-47PE-L017	Connector - 47 pos. Circular Plastic Connector Receptacle
2	3	DT06-2S-C015	Connector - Deutsch 2-Pin Plug (W2S-P012)(P002987)
3	2	SAC-4P-5,0-600-M12FR FB	Harness - M12 4-Pin 5M Flying Lead (P000860)
4	1	DT06-3S-C015	Connector - Deutsch 3 Pin Plug (W3S-P012)(P002989)



MONTAG MFG
3816 461st AVE,
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F: 712-852-4574
www.montagmfg.com

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ARE AS FOLLOWS:
FRACTIONAL ± 1/32
ANGULAR: ± 1
TWO PLACE DECIMAL ±.03
THREE PLACE DECIMAL ±.003

CONFIDENTIAL: This drawing and design is proprietary and confidential to Montag Manufacturing, Inc.		
NAME	DATE	
DRAWN	SEC	09/04/19
APPROVED	SEC	01/29/20

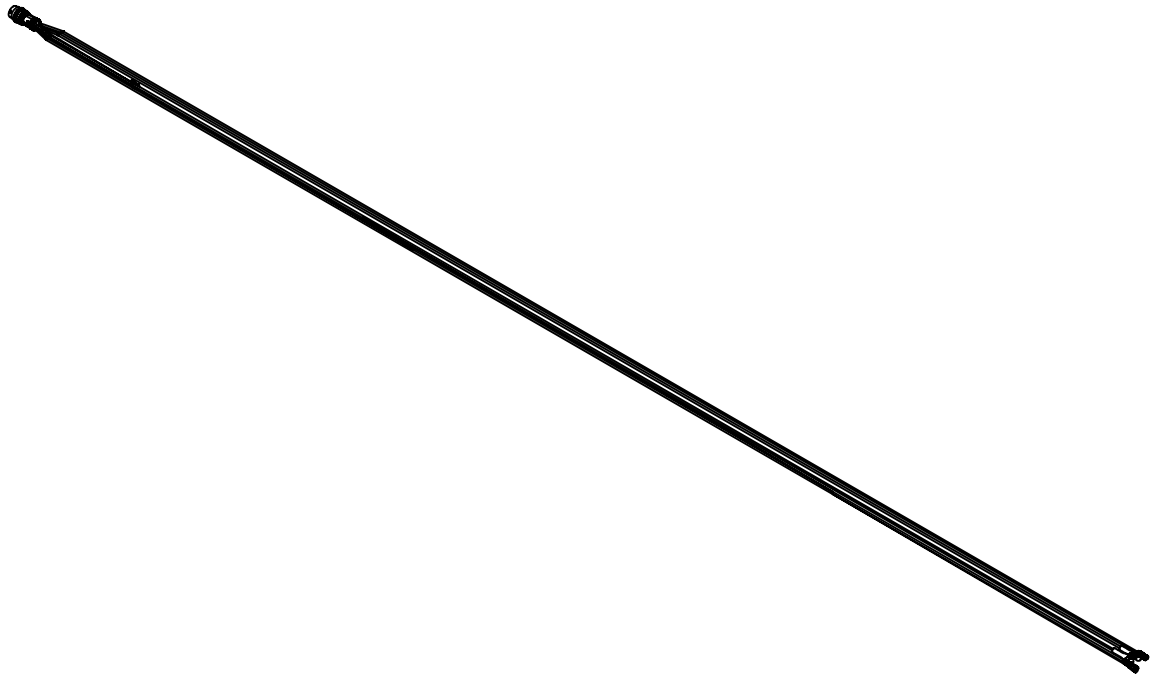
TITLE: **Harness - 47 Pin JDRC 2000 Gen I (Dual Product/Section) (12V Encoder)**

MATERIAL: N/A
FINISH: N/A


COMMENTS:
18 GA. GXL WIRE
SUPERSEDES P002921 PER ECN 021419IM (RETROFITABLE)

SIZE	PART. NO.	REV
B	P003040	A-03
SCALE: 1:8	WEIGHT: 15.87	SHEET 1 OF 2

Pin	Description	Connection Point	Color	Wire Size
1				
2				
3	Electronic 0V	SP1	Black	18
4	HC 0V	SP2	Black	14
5				
6				
7	Fan 1 Pressure	(G-C)	Grey	18
8				
9				
10				
11				
12	Encoder 1 / LH	(C-4) *	Grey	18
13	Encoder 2 / RH	(D-4) *	Tan	18
14				
15				
16				
17				
18				
19				
20				
21				
22	Implement Height 5V	(F-2)	Red/White	18
23	PWM 2 / RH	(E-1)	Blue	18
24	PWM 1 / LH	(B-1)	Yellow	18
25				
26				
27				
28				
29				
30				
31	Implement Height Switch	(F-1)	Grey	18
32	Sensor 12V	SP3	Red	18
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				



Splice ID	Connector	Connector	Connector	Connector
SP1	A-3	C-3 *	D-3 *	G-B
SP2	A-4	B-2	E-2	
SP3	A-32	C-1 *	D-1 *	G-A

		MONTAG MFG 3816 461st AVE, Emmetsburg, IA 50536		P: 712-852-4572 F: 712-852-4574 www.montagmfg.com													
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APPROVED	SEC	01/29/20															
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A	P003040	A-03															
		SCALE: 1:24		WEIGHT: 15.87													
				SHEET 2 OF 2													

(Connector # - pin location within connector)