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D			REVISIONS					
			LTR.	DESCRIPTION	DATE	APPR.		
	FILE NAME	SIZE						
	P312V10032STD_w_JDBB_.hex	761,645 bytes	A	Released per ECO20335 Version 1.00.32	10/02/12	JDG3		
	P312V10100STD_w_JDBB.hex	763,003 bytes	B	Released per ECO21149 Version 1.01.00	03/05/13	NLP		
	P312V10316STD_w_JDBB.hex	785,061 bytes	C	Released per ECO23165 Version 1.03.16	04/30/14	JDG3		
	P312V10401STD_w_JDBB_.hex	815,958 bytes	D	Released per ECO24056 Version 1.04.01	11/04/14	DJW2		
C	P312_V_1_0_5_3_STD_w_JDBB_.hex	770,188 bytes	E	Released per ECO27753 Version 1.0.5.3	04/25/16	DJW2		
	P312_V_1_0_6_3_w_JDBB.hex	770,048 bytes	F	Released per ECO30884 Version 1.0.6.3	2/5/18	JDG3		
B								
A	<u>UNLESS OTHERWISE SPECIFIED</u> DIMENSIONS ARE IN INCHES ONE PLACE DECIMALS ±.06 TWO PLACE DECIMALS ±.03 THREE PLACE DECIMALS ±.010 FRACTIONS ± 1/16 ANGLES ± 0°-30° BREAK EDGES .005-.015		<u>NOTICE:</u> THIS DRAWING AND THE INFORMATION PROVIDED ARE PROPERTY OF RAVEN INDUSTRIES INC., AND MAY ONLY BE USED AS AUTHORIZED BY RAVEN INDUSTRIES INC. ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.		RAVEN		INDUSTRIES, INC SIOUX FALLS, SOUTH DAKOTA	A
	TITLE SOFTWARE SPECIFICATIONS, ISO, SIDEKICK PRO							
	MATERIAL	CODE IDENT. NO.	SIZE	DRAWING NUMBER				
	FINISH	14979	A	077-0171-312				
	DO NOT SCALE DRAWING	DRAWN		SCALE	NA	SHEET 1 OF 2		

ISO SIDEKICK PRO RELEASE NOTES:

VERSION 1.0.6.3

1. Fixed issue initializing VT after losing communication with it
2. Fixed issue where section states shown on the screen do not work for 16 sections
3. Removed Pressure CAL input field and use the ideal Pressure CAL value
4. Fixed issue where low power would cause the pump to shut down
5. Added condition for the processes of Calibration and Prime that to cause a high vacuum alarm there needs to be a continuous high vacuum condition for 1 second
6. Added condition for the process of Priming that the Pressure needs to be above 8 PSI and the FER value needs to be above 75 for a continuous 2 seconds
7. Removed condition for the process of Rinsing for the high vacuum condition
8. Improved resolution of the Calibrator with respect to the Meter CAL change

VERSION 1.0.5.3

1. Increased requirement filter to improve John Deere GreenStar Rate Controller recognition on the ISOBUS. Resolved issues encountered with Deere ExactEmerge planters.
2. Changed task volume to use base units of mL instead of L when communicating to task controller.
3. Minor fixes and improvements to task controller Device Description Object Pool (DDOP).
4. Changed units and the algorithm used to send scale factors to the Virtual Terminal (VT).
5. Changed number of decimal places on the VT based off of the units.
6. Fixed ratio rate so it is adjusting correctly to the units being sent to it by the ISO Product Controller.
 - a. Note: Ratio rate requires software version 3.0.4 or greater of Raven ISO Product Controller.

VERSION 1.04

1. Added support for Rinse Assist including a settable rinse volume
2. Added correct translations for the German language

VERSION 1.03

1. Updated object pool to standard blue color scheme.
2. Added support for 16 sections.
3. Added checkbox for task controller communication enable/disable.
4. Added fix for potential area overflow when used with GRC.
5. Resolved issue with Spanish and Portuguese languages not loading correctly.
6. Added automatic selection of speed source rather than using machine selected speed.
7. Added support for VT version 3 maintenance message.

VERSION 1.01

1. Implemented CE hardware into the firmware.
2. Resolved a false motor power alarm.

VERSION 1.00

1. INITIAL RELEASE

Notes:

1. Files associated with this software.
 - a. P312VXXXXXSTD_w_JDBB_.hex
 - i. Raven Production hex file.
 - b. RavenISOInjection Vx.xx.xx.hex
 - i. Loaded to node using Raven Service Tool
 - c. P312VXXXXXSTD_crcd.hex
 - i. Loaded to node using John Deere update tools

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14979	A	077-0171-312
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