

RELEASE NOTES:

VERSION:	2.2.1.1	FILE NAME: HDU_P521_Raven_v2_2_1_1.hex
		SIZE: 675,773 BYTES

VERSION 2.2.1.1:
ftp://embedded.ravenind.com/images/ecu/077-0171-521/archive/HDU_P521_Raven_v2_2_1_1.hex
1. Changed the current comp override setting from 24 to 10 on the SBG valve

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CODE		SCALE	SHEET
14979		N/A	2 OF 6

RELEASE NOTES:

VERSION:	2.2.0.49	FILE NAME: HDU_P521_Standard_v2_2_0_49.hex
		SIZE: 675,777 BYTES

VERSION 2.2.0.49:

- 1. Initial Clang Format
- 2. Removed Deadband check from SetActuatorOwnerAndOutputValue due to it not being used.
- 3. Added current comp support for High Current Eaton Valve used on newer magnums
- 4. Added support for calculating the control threshold based on the difference between the min and the max.
- 5. Removed active/inactive current check for analog valves
- 6. Function/Variable name refactoring
- 7. Moved limit checks for the response rate into the SetSteeringCtrlRampRate function call.
- 8. Added ability to increase decrease steering response rate from SPN
- 9. Removal of unneeded calls/variables
- 10. Fixed timestamp initialization for LED's
- 11. Moved version time management functions
- 12. Send current "Current Compensation" gains over CAN for testing/validation purposes
- 13. Update "Current Compensation" gains for the SBG valve
- 14. Added support for easier comparisons to 2.3
- 15. DTC clean up to allow the DTC list to be more useful in the calibration wizard
- 16. Steering status code support.
- 17. Start of work to support standalone vt integration for 2.3
- 18. Support for production calibration on MDU
- 19. Initial code for supporting implement steer angle sensor break out.
- 20. Added the capability to filter the angle sensor based on a machine database setting.
- 21. Improved the Center Point Correction algorithm to fix issues found when steering on pivots.
- 22. Added angle sensor percentage getter to support implement steer.
- 23. Support for being able manually to register more partners
- 24. Only allow manual registration at startup if calibration is complete
- 25. Support for sending correct values on the GMS message for implement steer
- 26. Support for registering OEM specific SC1
- 27. Moved Function calls in Machinetunesets.c to a "User" file to prevent the file from getting so large
- 28. Added check for operator presence integrity
- 29. Added support for new generic tunesets
- 30. Fixed bug in ConvertSoftwareStringToNumericValue

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RELEASE NOTES:

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		SIZE:	675,777 BYTES

- 31. Support for storing preferred can addresses
- 32. Support for checking encoder integrity on dual encoder systems
- 33. Moved vt support files to the correct files
- 34. Support for reading in the correct off-vehicle gateway isoname
- 35. Added checks to make sure we don't index out of bounds on the port we are trying to send from.
- 36. Added support for CASE HDU assembly
- 37. Added support for reading operator presence in over CAN 2 and other MMI controller items
- 38. Removed WAS convergence check
- 39. Disabled engage/disengage beep from HDU/MDU
- 40. Added support for Versatile and Magnum MMI controllers
- 41. Added WAS alignment fault check.
- 42. Added Front Steer Tractor for HDU into LoadWheelAngleBlendingRatioTable
- 43. Added "Get" calls for actual curvature, minimum turn radius and actual filtered curvature
- 44. Added InitializeMedianFilter function
- 45. Removed duplicate check from CalculateMatrixDeterminant
- 46. Build automation support
- 47. Moved auto-clear timer out of DebounceSwitchStateStruct function call.
- 48. Added support for multiple service tools
- 49. Added check for null partner with ETP partner
- 50. Support for notifying Raven navigation controller of supported software version.

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RELEASE NOTES:

VERSION:	2.1.1.5	FILE NAME: HDU_P521_Standard_v2_1_1_5.hex
		SIZE: 1,008,127 BYTES

VERSION 2.1.1.5

1. Setup secondary CAN for New Holland Sprayers.

2. Added New Holland machine model check

a. NH_GUARDIAN (i.e. 240F, 240FXP, 275F, 295F, 300F. 333F, 345F, 365F, 400F)

b. MILLER_NITRO (i.e. 5215, 5250, 5275, 6500)

3. Removed current lower limit alarm on sensor power.

4. Included PN "10630173887" to the reprogramming compatibility list on the wrapper.

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RELEASE NOTES:

VERSION:	2.1.0.92	FILE NAME:	HDU_P521_Standard_v2_1_0_92.hex
		SIZE:	1,007,957 BYTES

VERSION 2.1.0.92
5. INITIAL RELEASE

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