

## Coder 5.02-2 Release Notes

### DATE:

May 10th, 2010

### BACKGROUND:

Version 5.02-2 is a new release of the Coder/Opsys

WARNING: To use this version of GAP/Coder, you must use GAP 2.18C or higher.

WARNING: To use this version of GAP/Coder, you must use SOS 3.4 or higher.

WARNING: To use this version of GAP/Coder, you must use Toolkit 3.3 update 2 or higher.

### NEW FEATURES:

There are no new features in this release.

### ISSUES:

The following Product Issue Database ("PID") issues and requests were addressed in 5.02-2:

Issue #	Description	Solution
15127	TMR 5200 CPU faulting after or during ACT Calibration.	Code was changed to insure CPU synchronization.
15101	The code in a rate group may jitter across MFT five millisecond boundaries. When this happens the watchdog count is not equal to the rate group frame, and if this happens 3 times in a row a watchdog failure is detected and all outputs are set to the off state in the BI48_BO24 module.	Code was changed to remove the jitter.
15055	InitEventManager function could potentially corrupt one byte of memory when accessing the InStat array with index "-1".	Moved code that wrote to the InStat struct array inside check that verifies that the shelf contains valid data.

### UNSUPPORTED BLOCKS:

The following is a list of blocks which are available in the Template and GAP Editor, but are not supported in the 5.02-1 release version of the coder (compiler):

- [CAL\\_ID](#)
- [CO\\_IC1100](#)

- [COIL\\_CNFG](#)
- [DM23\\_MSG](#)
- [DM27\\_MSG](#)
- [DM28\\_MSG](#)
- [DM29\\_MSG](#)
- [HDDIO](#)
- [I\\_TO\\_NAN](#)
- [J1939\\_TJET](#)
- [PC104\\_ATL](#)
- [RATIO\\_LIM2](#)
- [TEMP\\_HIST](#)

- Tunable inputs for the [SYNC\\_INJ](#) block are only available to Woodward developers in this version

## **PART NUMBERS:**

Version 5.02-2

Gap/Coder Part Number: 9927-1801

Master Kit: 9927-1333, 8928-1088, 1796-1068