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AVT-716 Configuration Save and Restore

New Feature

The AVT-716 firmware version 4.4 incorporates the ability to save the operational mode as well as operational parameters in non-volatile RAM (located in the Real Time Clock device).

The parameters are only saved when commanded to do so by the operator. (The unit does not store information automatically.) The stored parameters are restored when the unit is powered on or when commanded to perform a software reset.

What is saved

The saved parameters are listed in the table below. If the restore operation fails (dead battery, corrupted data) the unit is initialized to VPW mode and all functions are disabled.

<u>Parameter</u>	<u>Command</u>	<u>Saved / Restored</u>
Operational mode (VPW, PWM, ISO, etc. ...)	E1 xx	Yes
Message time stamp	5x 08	Yes
Checksum/CRC forwarding	5x 01	Yes
Bus loading messages	5x 09	Yes
Ford-ISO mode (used only in ISO mode)	5x 12	Yes
Messages 'from this node' forwarded	5x 06	Yes
"Look Alike" mode (used only in PWM mode)	1x (PWM only)	Yes

Save Command

51 15: Saves the current operational mode and the parameters listed above.
Response is: 61 15 - Parameters were saved.

Messages

21 1D: Restore failed. Unit was initialized.
91 13: Configuration initialized.