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AVT-716 Saving Operational Parameters

AVT-716 firmware version 4.4 offers the ability to save some unit operational parameters in on-board non-volatile RAM. The user sets up the unit and commands the values to be saved. These parameters are saved while the unit is powered off. Each time the unit is subsequently powered on the parameters are restored for operational use.

Note that the state of the operational parameters listed below are only stored by issuing the command: 51 15. The AVT-716 does not store the parameters in use at the time the unit is powered down.

As of version 4.4 the parameters stored are:

- Operational mode. [E1 xx command] (Default is VPW.)
- Message time stamps. [5x 08 command] (Default is off.)
- Message checksum forwarding. [5x 01 command] (Default is off.)
- Bus loading. [5x 09 command] (Default is off.)
- Ford-ISO mode (ISO ops only). [5x 12 command] (Default is off.)
- Transmit message forwarding. [5x 06 command] (Default is off.)
- Look-Alike mode (PWM ops only). [11 0x command] (Default is off.)

Command Summary

51 15: Stores all the listed parameters in on-board battery backed RAM.
These are values the unit will restore to upon power-up.

Responses Summary

61 15: Parameters stored.
91 13: Stored parameters were initialized at power-up.
21 1D: Restore failed. (Parameters could not be restored at power-up.)