

Electronic Control Module

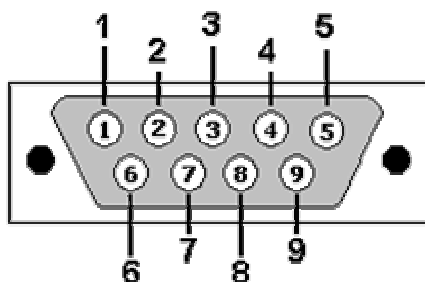
ECM Connections (Pin Out Diagram)

Wire Color	Pin #	Function
Drain (Bare)	1	Signal Ground
White	2	ECM Xmit Data RS-232 (output)
Black	3	ECM Rx Data RS-232 (input)
Brown	4	Fan Control
Orange	5	Light Control
	6	DC Common
	7	Wind Speed Signal
	8	Exciter
	9	Signal
	10	Reference
N/C	11	Analog Ground N/C
Black	12	Temperature Probe -
Red	13	Temperature Probe +
Red	14	+15 -24 VDC
Black	15	DC Common
Black	16	DC Common

RS232 on DB9 (EIA/TIA 574)

Signal functions are described in detail in our [Signal/pin primer](#). The column marked **Dir** shows the signal direction with respect to the **DTE**.

Pin No.	Name	Dir	Notes/Description
1	DCD	IN	Data Carrier Detect. Raised by DCE when modem synchronized.
2	RD	IN	Receive Data (a.k.a RxD, Rx). Arriving data from DCE.
3	TD	OUT	Transmit Data (a.k.a TxD, Tx). Sending data from DTE.
4	DTR	OUT	Data Terminal Ready. Raised by DTE when powered on. In auto-answer mode raised only when RI arrives from DCE.
5	SGND	-	Ground
6	DSR	IN	Data Set Ready. Raised by DCE to indicate ready.
7	RTS	OUT	Request To Send. Raised by DTE when it wishes to send. Expects CTS from DCE.
8	CTS	IN	Clear To Send. Raised by DCE in response to RTS from DTE.
9	RI	IN	Ring Indicator. Set when incoming ring detected - used for auto-answer application. DTE raised DTR to answer.



DB9 (EIA/TIA 574): View - looking into male connector