

*Version in which the command first appeared...*

<b>version</b>	<b>Command</b>	<b>Description</b>	<b>Group</b>
1.0	@1	display the device description	General
1.3	@2	display the device identifier	General
1.3	@3 cccccccccc	store the device identifier	General
1.0	<CR>	repeat the last command	General
1.0	AL	Allow Long (>7 byte) messages	OBD
1.2	AR	Automatic Receive	OBD
1.2	AT0	Adaptive Timing Off	OBD
1.2	AT1	Adaptive Timing Auto1	OBD
1.2	AT2	Adaptive Timing Auto2	OBD
1.0	BD	perform a Buffer Dump	OBD
1.0	BI	Bypass the Initialization sequence	OBD
1.2	BRD hh	try Baud rate Divisor hh	General
1.2	BRT hh	set Baud Rate handshake Timeout	General
1.0	CAF0	CAN Automatic Formatting Off	CAN
1.0	CAF1	CAN Automatic Formatting On	CAN
1.4	CEA	turn off CAN Extended Addressing	CAN
1.4	CEA hh	use CAN Extended Address hh	CAN
1.0	CF hh hh hh hh	set the ID Filter to hhhhhhhh	CAN
1.0	CF hhh	set the ID Filter to hhh	CAN
1.0	CFC0	CAN Flow Control Off	CAN
1.0	CFC1	CAN Flow Control On	CAN
1.0	CM hh hh hh hh	set the ID Mask to hhhhhhhh	CAN
1.0	CM hhh	set the ID Mask to hhh	CAN
1.0	CP hh	set CAN Priority (only for 29 bit)	CAN
1.4b	CRA	reset CAN Receive Address filters	CAN
1.3	CRA hhh	set CAN Receive Address to hhh	CAN
1.3	CRA hhhhhhhh	set CAN Receive Address to hhhhhhhh	CAN
1.0	CS	show the CAN Status	CAN
1.4b	CSM0	CAN Silent Mode Off	CAN
1.4b	CSM1	CAN Silent Mode On	CAN
1.0	CV dddd	Calibrate the Voltage to dd.dd volts	Volts
1.4	CV 0000	Restore CV value to factory setting	Volts
1.0	D	set all to Defaults	General
1.3	D0	display of the DLC Off	CAN
1.3	D1	display of the DLC On	CAN

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<b>version</b>	<b>Command</b>	<b>Description</b>	<b>Group</b>
1.2	DM1	(J1939) Monitor for DM1 messages	J1939
1.0	DP	Describe the current Protocol	OBD
1.0	DPN	Describe the Protocol by Number	OBD
1.0	E0	Echo Off	General
1.0	E1	Echo On	General
1.1	FC SD [1-5 bytes]	Flow Control Set Data to [...]	CAN
1.1	FC SH hh hh hh hh	Flow Control Set the Header to hhhhhhhh	CAN
1.1	FC SH hhh	Flow Control Set the Header to hhh	CAN
1.1	FC SM h	Flow Control Set the Mode to h	CAN
1.3a	FE	Forget Events	General
1.4	FI	perform a Fast Initiation	ISO
1.0	H0	Headers Off	OBD
1.0	H1	Headers On	OBD
1.0	I	Print the ID	General
1.0	IB 10	set the ISO Baud rate to 10400	ISO
1.4	IB 48	set the ISO Baud rate to 4800	ISO
1.0	IB 96	set the ISO Baud rate to 9600	ISO
1.2	IFR H	IFR value from Header	J1850
1.2	IFR S	IFR value from Source	J1850
1.2	IFR0	IFRs Off	J1850
1.2	IFR1	IFRs Auto	J1850
1.2	IFR2	IFRs On	J1850
1.4	IGN	read the IgnMon input level	Other
1.2	IIA hh	set the ISO (slow) Init Address to hh	ISO
1.3	JE	use J1939 Elm data format	J1939
1.4b	JHF0	J1939 Header Formatting Off	J1939
1.4b	JHF1	J1939 Header Formatting On	J1939
1.3	JS	use J1939 SAE data format	J1939
1.4b	JTM1	set the J1939 Timer Multiplier to 1x	J1939
1.4b	JTM5	set the J1939 Timer Multiplier to 5x	J1939
1.3	KW	display the Key Words	ISO
1.2	KW0	Key Word checking Off	ISO
1.2	KW1	Key Word checking On	ISO
1.0	L0	Linefeeds Off	General
1.0	L1	Linefeeds On	General

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<b>version</b>	<b>Command</b>	<b>Description</b>	<b>Group</b>
1.4	LP	go to Low Power mode	General
1.0	M0	Memory Off	General
1.0	M1	Memory On	General
1.0	MA	Monitor All	OBD
1.2	MP hhhh	(J1939) Monitor for PGN hhhh	J1939
1.4b	MP hhhh n	(J1939) Monitor for PGN hhhh, get n messages	J1939
1.3	MP hhhhhh	(J1939) Monitor for PGN hhhhhh	J1939
1.4b	MP hhhhhh n	(J1939) Monitor for PGN hhhhhh, get n messages	J1939
1.0	MR hh	Monitor for Receiver = hh	OBD
1.0	MT hh	Monitor for Transmitter = hh	OBD
1.0	NL	Normal Length (7 byte) messages	OBD
1.4	PB xx yy	set Protocol B options and baud rate	CAN
1.0	PC	Protocol Close	OBD
1.1	PP FF OFF	all Prog Parameters Off	PPs
1.1	PP FF ON	all Prog Parameters On	PPs
1.1	PP xx OFF	disable Prog Parameter xx	PPs
1.1	PP xx ON	enable Prog Parameter xx	PPs
1.1	PP xx SV yy	for PP xx, Set the Value to yy	PPs
1.1	PPS	print a PP Summary	PPs
1.0	R0	Responses Off	OBD
1.0	R1	Responses On	OBD
1.3	RA hh	set the Receive Address to hh	OBD
1.4	RD	Read the stored Data	General
1.3	RTR	send an RTR message	CAN
1.0	RV	Read the Voltage	Volts
1.3	S0	printing of Spaces Off	OBD
1.3	S1	printing of Spaces On	OBD
1.4	SD hh	Store Data byte hh	General
1.0	SH xx yy zz	Set Header	OBD
1.0	SH yzz	Set Header	OBD
1.4	SI	perform a Slow Initiation	ISO
1.0	SP Ah	Set Protocol to Auto, h and save it	OBD
1.0	SP h	Set Protocol to h and save it	OBD
1.3	SP 00	Set Protocol to Auto and save it	OBD
1.2	SR hh	Set the Receive address to hh	OBD

## ELM327 AT Commands

*Version in which the command first appeared...*

<b>version</b>	<b>Command</b>	<b>Description</b>	<b>Group</b>
1.4	SS	set Standard Search order (J1978)	OBD
1.0	ST hh	Set Timeout to hh x 4 msec	OBD
1.0	SW hh	Set Wakeup interval to hh x 20 msec	ISO
1.4	TA hh	set Tester Address to hh	OBD
1.0	TP Ah	Try Protocol h with Auto search	OBD
1.0	TP h	Try Protocol h	OBD
1.3	V0	use of Variable DLC Off	CAN
1.3	V1	use of Variable DLC On	CAN
1.2	WM [1-6 bytes]	Set the Wakeup Message	ISO
1.0	WM xxyyzzaa	set the Wakeup Message to xxyyzzaa	ISO
1.0	WM xxyyzzaabb	set the Wakeup Message to xxyyzaabb	ISO
1.0	WM xxyyzaabbcc	set the Wakeup Message to xxyyzaabbcc	ISO
1.0	WS	Warm Start	General
1.0	Z	reset all	General