Apéndice A: Lista de comandos AT

AT Command Summary

General Commands

<CR>	repeat the last command
BRD hh	try Baud Rate Divisor hh
BRT hh	set Baud Rate Timeout
D	set all to Defaults
E0, E1	Echo off, or on*
FE	Forget Events
I	print the version ID
L0, L1	Linefeeds off, or on
LP	go to Low Power mode
M0, M1	Memory off, or on
RD	Read the stored Data
SD hh	Save Data byte hh
WS	Warm Start (quick software reset)
Z	reset all
@1	display the device description
@2	display the device identifier
@3 ccccccccccc	store the @2 identifier

Programmable Parameter Commands

PP xx OFF	disable Prog Parameter xx
PP FF OFF	all Prog Parameters disabled
PP xx ON	enable Prog Parameter xx
PP FF ON	all Prog Parameters enabled
PP xx SV yy	for PP xx, Set the Value to yy
PPS	print a PP Summary

Voltage Reading Commands

CV dddd	Calibrate the Voltage to dd.dd volts
CV 0000	restore CV value to factory setting
RV	Read the input Voltage

Other

IGN	read the IgnMon input level

Note: Settings shown with an asterisk (*) are the default values

AT Command Summary (continued)

OBD Commands

AL	Allow Long (>7 byte) messages
AR	Automatically Receive
AT0, 1, 2	Adaptive Timing off, auto1*, auto2
BD	perform a Buffer Dump
BI	Bypass the Initialization sequence
DP	Describe the current Protocol
DPN	Describe the Protocol by Number
H0, H1	Headers off*, or on
MA	Monitor All
MR hh	Monitor for Receiver = hh
MT hh	Monitor for Transmitter = hh
NL	Normal Length messages*
PC	Protocol Close
R0, R1	Responses off, or on*
RA hh	set the Receive Address to hh
S0, S1	printing of Spaces off, or on*
SH xyz	Set Header to xyz
SH xxyyzz	Set Header to xxyyzz
SP h	Set Protocol to h and save it
SP Ah	Set Protocol to Auto, h and save it
SR hh	Set the Receive address to hh
SS	use Standard Search order (J1978)
ST hh	Set Timeout to hh x 4 msec
TA hh	set Tester Address to hh
TP h	Try Protocol h
TP Ah	Try Protocol h with Auto search

J1850 Specific Commands (protocols 1 and 2)

IFR0, 1, 2	IFRs off, auto*, or on
IFR H, S	IFR value from Header* or Source

CAN Specific Commands (protocols 6 to C)

CEA	turn off CAN Extended Addressing
CEA hh	use CAN Extended Address hh
CAF0, CAF1	Automatic Formatting off, or on*
CF hhh	set the ID Filter to hhh
CF hhhhhhhh	set the ID Filter to hhhhhhhh
CFC0, CFC1	Flow Controls off, or on*
CM hhh	set the ID Mask to hhh
CM hhhhhhhh	set the ID Mask to hhhhhhhh
CP hh	set CAN Priority to hh (29 bit)
CRA	reset the Receive Address filters
CRA hhh	set CAN Receive Address to hhh
CRA hhhhhhhh	set the Rx Address to hhhhhhhh
CS	show the CAN Status counts
CSM0, CSM1	Silent Monitoring off, or on*
D0, D1	display of the DLC off*, or on
FC SM h	Flow Control, Set the Mode to h
FC SH hhh	FC, Set the Header to hhh
FC SH hhhhhhhh	Set the Header to hhhhhhhh
FC SD [1 - 5 bytes]	FC, Set Data to [...]
PB xx yy	Protocol B options and baud rate
RTR	send an RTR message
V0, V1	use of Variable DLC off*, or on

ISO Specific Commands (protocols 3 to 5)

FI	perform a Fast Initiation
IB 10	set the ISO Baud rate to 10400*
IB 48	set the ISO Baud rate to 4800
IB 96	set the ISO Baud rate to 9600
IIA hh	set ISO (slow) Init Address to hh
KW	display the Key Words
KW0, KW1	Key Word checking off, or on*
SI	perform a Slow (5 baud) Initiation
SW hh	Set Wakeup interval to hh x 20 msec
WM [1 - 6 bytes]	set the Wakeup Message

J1939 CAN Specific Commands (protocols A to C)

DM1	monitor for DM1 messages
JE	use J1939 Elm data format*
JHF0, JHF1	Header Formatting off, or on*
JS	use J1939 SAE data format
JTM1	set Timer Multiplier to 1*
JTM5	set Timer Multiplier to 5
MP hhhh	Monitor for PGN 0hhhh
MP hhhh n	" " and get n messages
MP hhhhhh	Monitor for PGN hhhhhh
MP hhhhhh n	" " and get n messages