ACI SCANNER Introduction

ACI Auto Communication Interface is 100% compatible with AUTO ENGIUITY OE-LEVEL software, Support all Enhanced Options

ACI Scan Tool is a professional PC diagnostics scan tool for all OBDII (OBD2) and EOBD IV+ compliant vehicles. ACI Scan Tool allows you to read the vehicle's diagnostic trouble codes, live vehicle sensors (including wide-band O2 sensors), actuate bi-directional controls, reset adaptations, and view inspection/maintenance system test results to quickly determine what service the vehicle requires.

What ACI OBD2 Scan Tool can do for you?

Professional Diagnostics

In the professional repair business getting as much coverage as you can is important to effectively and quickly service any vehicle. We offer enhanced coverage options for 43 car brands: Ford/Lincoln/Mercury, GM-family, Chrysler-family Toyota/Lexus/Scion, Mazda, Nissan/Infiniti, BMW/MINI, Land Rover, Honda/Acura, Subaru, Mitsubishi, Isuzu, Porsche, Mercedes, Hyundai/Kia, Jaguar, and Audi/VW.

Not Simple Code Reader

So you read your vehicle's trouble codes, now what? Reading the trouble codes from your vehicle is easy. But without live data and bi-directional controls, you may not have enough information to properly perform the repair. Don't waste your time or money with simple code readers or hand-held scanners. ACI OBD2 scan tool can not only read your codes, but it can also show you live data, actuate components, and run system tests. With complete coverage, you can get the job done right the first time and prevent dreaded "comeback".

NA Emissions and European MOT

You may have known that almost all states are using OBD2-based emission testing for all 1996 and newer passenger vehicles? Now with the 2010 legislation, even the 8500 - 10000lb trucks are required to be OBD2 complaint. If you have a Check Engine or Service Engine Soon indicator illuminated, or a specific inspection system monitor test fails, your vehicle will fail its emissions test. With ACI OBD2 scan tool you can inspect your vehicle’s compliance before you wait in line and pay for the test.

Tuning Your Vehicle

Read live sensors such as wide-band O2 sensors, fuel adaptation, MAF, ignition timing advance, and lambda readings. If your vehicle supports wide-band O2 sensors, Scan Tool can show you real-time air/fuel mixtures. Finally, data log them all in TXT, CSV, and XML formats with 1ms sampling accuracy.

Performance Analyzer

Don't buy into claims of increased horsepower or added torque; you can verify whether

that new, expensive part really works. Do your own dynamometer and acceleration testing at your own convenience and without having to rent expensive dynamometer time.

OE-Level Coverage (Enhanced Interfaces)

Independent service shops and vehicle tuners require more information than what OBDII can provide to do their job effectively. Since the OBDII standard covers only emissions-related powertrain systems and sensors, there is more information you won't be able to see with a generic OBDII scan tool. With our enhanced interface options, you can get factory tool-like capabilities; allowing you to access hundreds of systems (ABS, airbags, instrument cluster, etc.), sensors, and system/component-level bi-directional controls so you can do your job faster and with a greater degree of accuracy.

ACI supports non-OBDII and European models. For example, due to their excessive vehicular weight trucks like the Ford Super Duty, Chevy Duramax, and Dodge are not required to be OBDII compliant. But with our enhanced interface options you can now access the diagnostics capabilities of these vehicles.

For our European customers, our enhanced interface options also support Audi/VW, BMW, Chrysler/Dodge, Ford, Jaguar, Mercedes, and Toyota/Lexus diesel engines and the European-specific models.

ACI Enhanced Options

Ford (EI01) 1995-2010
GM (EI02) 1995-2010
Toyota/Scion/Lexus (EI03) 1995-2010
Chrysler/Dodge/Plymouth/Eagle (EI04) 1996-2010
Mazda (EI05) 1996-2010
Hyundai and Kia (EI09) 1998-2010
Nissan and Infiniti (EI06) 2000-2010
BMW and MINI (EI07) 1996-2010
Honda and Acura (EI08) 1996-2010
Land Rover (EI10) 2002-2010
Jaguar (EI11) 1995-2010
Subaru (EI12) 1999-2010
Porsche (EI13) 1997-2010
Isuzu (EI14) 1996-2010
Mitsubishi (EI15) 1996-2010
Audi / VW (EI16) 1996-2010
Mercedes (EI17) 1998-2010

Enhanced interface for Ford (EI01) 1995-2010

Although Ford does implement the largest subset of the OBDII standard, the typical vehicle only supports 20 - 40 sensors and is limited to emissions powertrain. Using the enhanced Ford interface, a typical Ford vehicle will support 200 - 300 sensors within half a

dozen systems; that's essential systems such as ABS, airbags, GEM, ICM, etc.
Our enhanced Ford interface coverage is only matched by factory tools; we have support for 4,800+ sensors selected from 94 systems. Support includes ISO, SCP, CAN, MCAN, and CAN 14229 controllers.

The Ford enhanced interface has support for Ford of Europe diesel models such as Ka, Mondo, Galaxy, Fairlane, etc. Finally, our Ford enhanced has support for non-CAN and CAN 400+ bi-directional commands and dozens of system-level tests. With bi-directional controls, you will no longer be relegated to being just an observer in the operation of the vehicle--now you can take control of its operation.

System Tests:
PATS Timed Key Programming ('96 - '08)
KOEO
KOER
Power Balance (CAN-based models)
EVAP Bay Test
Service Bleed (Non-CAN support not available with ProLine currently)
Buzz Injector
Cylinder Contribution Test
Switch Test
Glow Plug Test
System Self-Test
Low - and High Speed Fan
All Outputs On/Off
Injector Coding (1.8L and 2.0L)
KAM Reset
Tire Size Programming up to 40" ('99-'03 7.3L, and '04-'07 6.0L)
IVD Initialization
Steering Angle / Yaw Rate / Acceleration Sensor Reset ('03 Explorer and Lincoln LS)
Passenger Seat ReZero
Power Seat Calibration Test
Audio Network Communication Test
Vehicle In-Motion IO Test
Front Wiper Self-Test
Rear Wiper Self-Test
Diesel Particulant Filter Reset, Clear EGR Adaptive Tables, and Clear Fuel Injector Adaptive Tables

Enhanced interface for GM (EI02) 1995-2010
Our enhanced GM interface supports 6,400+ sensors selected from the engine, transmission, body, and chassis systems. For you tuners out there, our enhanced GM interface gives you access to the Crank Variation Learned test for most vehicles. Also, with our enhanced GM coverage is support for Workhorse 04+ MY vehicles (P42 Series,

W22 Series, W24 Series, W52 Series, LF72 Series, P32 Series, W18 Series, FE20 Series, W42 Series).

Our enhanced GM interface coverage is only matched by factory tools; we have support for 6,000+ sensors selected from all 68 systems. Finally, our enhanced GM has support for 2,000+ bi-directional commands and key system-level tests. With bi-directional controls, you will no longer be relegated to being just an observer in the operation of the vehicle--now you can take control of its operation.

Support includes dual-wire and single-wire CAN powertrain support.
Supports Global-A Vehicles:
Buick Allure
Buick LaCrosse
Cadillac SRX
Chevrolet Camaro
Chevrolet Equinox
GMC Terrain
System Tests:
ABS Automated Bleed Routine (ProLine Connector)
Crank Variation Learn (See: GM-specific vehicle systems for engines support details.)
Injector Flow Rate Programming (CAN Based Diesels)
TDC Learn

Enhanced interface for Toyota/Scion/Lexus (EI03) 1995-2010
Our enhanced Toyota interface supports engine, transmission, body, and chassis systems. System support includes the bi-directional controls and system tests such as Test Mode (Zero Point Calibration) setting for TCS / VSC systems. Additionally this support includes the Generation 1 and Generation 2 hybrids systems such as HV Battery and HV ECU. For these systems we also do support the Information Data #s reported with trouble codes.

System Tests:
Air Bleed -- Usual and Master Stroke (ABS)
ECB Utility -- ECB Invalid, Zero Down, and Linear Valve Offset Calibration (ABS)
Signal Check (Airbag, ABS, ABS CAN, EFI CAN, EHPS, EMPS, and TPWS)
Reset Memory (EFI, EFI CAN, ABS, ABS CAN)
Clear Records (EMPS and VGRS)
Zero Point Init (EMPS)
Sensitivity Check (OCC)
Inspection Mode (ABS CAN)
Test Mode -- Zero Calibration (ABS, ABS CAN, TPWS, and OCC)

Enhanced interface for Chrysler/Dodge/Plymouth/Eagle (EI04) 1996-2010
Our enhanced Chrysler interface supports hundreds of sensors selected from the powertrain, body, chassis, and transmission system. It includes hi- and low-speed sensor

support giving you more sensors and faster throughput then our competitors. This enhanced interface comes with its own hardware interface specifically designed for Chrysler SCI and CCD based controllers. By doing a stand-alone interface we can offer you more SCI coverage then our competitors who are limited by electrical issues with generic OBD-II. Also supported is the CR2 and CR3 Sprinter ('04 - '06), Jeep Liberty Diesel ('05 - '06), diesel Cummins engines, and the Venom equipped Vipers ('08+).

SBEC/JTEC System Tests:
EGR System Test
EVAP System Monitor Service Test
Erase All DTC Fault Codes
Generate Full Field Test
Gov & 3-4 Shift Valve Test - JTEC Only
Leak Detect Pump Test
Purge Vapors Test
Reset All Adaptive Memory Fuel Cells
Reset All Non-Volatile Memory
Reset CAM/Crank Misalignment
Reset CAM, Crank, and Sync Status Record
Reset Duty Cycle Monitor
Reset Engine Running Time Record
Reset Fuel Shut-off Record
Reset Intake Airflow Control Stepper Motor Position
Reset Trip Information
Set Sync Signal - JTEC Only
Set Minimum Throttle Position to Maximum
Torque Converter Clutch Test - JTEC Only
VPW Based System Tests:
ABS Bleed Brakes (EBC325, Mk20e, and Mk25e)
Tire Size Programming
Transmission Rear/Front Wheel Brake Torque Test
Transmission Pump Test
Transmission Quick Learn
Transmission TCC Break-In Test
Transmission Front Wheel Pinion Factor
NGC System Tests:
Injector Kill Test
NVLD Force Monitor Test
Purge Vapor Tests
Reset all On-Board Control Units
Report Part Number
Report Reflash Program Counter
CAN Based System Tests:
ABS Brake Bleed

Cylinder Performance Test
EATX Quick Learn
IMA Injector Programming
Injector Quantity Adjustment
LDP Forced Monitor Test
OCM Verification Test
Tire Size Programming

Enhanced interface for Mazda (EI05) 1996-2010
Our enhanced Mazda interface supports hundreds of sensors selected from the engine, transmission, body, and chassis systems. Support includes the CAN systems such as ABS and Tire Pressure Monitor systems.

System Tests:
IVD Initialization (Lateral Acceleration and Yaw Rate Reset)
Self-Test (RCM and GEM)
KOEO
KOER
Passenger Weight ReZero

Enhanced interface for Nissan and Infiniti (EI06) 2000-2010
Our enhanced Nissan interface supports code retrieval/resetting, sensors, and actuations from the engine, BCM, transmission, ABS, airbags, 4WD systems, and CAN systems. Coverage includes the Work Support configuration commands such as Target Idle Ignition Adjustment; with it you can permanently advance your ignition timing to gain few extra HP. Trouble code retrieval includes the NATS 5.0 system and the detailed status byte support. Finally, we seamless integrate CAN and non-CAN systems so that you won't have to worry about switching hardware to retrieve all the troubles codes from each module.

System Tests:
Self-Diagnostic (Airbag)
ECU Part Number (Airbag)
Diagnostics Record (Airbag)
Reset ECU (Powertrain)
Work Support/Configuration Functions (Some 01+ and Most '03+)
Target Idle Ignition Adjustment
Target Idle RPM Adjustment
Idle Air Volume Learn
Self-Learning Control
CAN Module Configurations:
Door Lock Unlock Set
Anti-Lock Out Set
Set IL Door Unlock
Room Lamp Off Time Set

Room Lamp On Time Set
Keyless Entry Horn Chirp Set
Keyless Entry Hazard Lamp Set
Keyless Entry Multi-Answer Back Set
Keyless Entry Auto Lock Set
Keyless Entry Panic Alarm Set
Keyless Entry Trunk Open Set
Keyless Entry Power Window Down Set
Head Lamp Battery Saver Set
Head Lamp Custom Light Setting
Head Lamp Illumination Delay Set
Wiper Speed Setting
Security Alarm Set
Theft Alarm Trigger Erase

Enhanced interface for BMW and MINI (EI07)1996-2010

Our enhanced BMW interface supports thousands of sensors and bi-directional controls selected from 190+ controllers such as engine (DME), transmission (EGS), ABS, airbags, and other body and chassis systems. With our enhanced BMW, we support translating BMW FC codes into OBDII DTCs for all engine and transmission controllers. Also, supported is such status information as the fault frequency and fault conditions.

Model Coverage:
1 Series E8X (2004-2009)
3 Series E36/E46/E9X (1996-2009)
5 Series E39/E60 (1997-2009)
6 Series E62/E63 (2004-2009)
7 Series E38/E65/E66 (1996-2009)
X3 E83 (2004-2009)
X5 E53/E70 (1999-2009)
X6 E71 (2008-2009)
M3 E36/E46/E9X (1996-2009)
M5 E39/E60 (1999-2009)
M6 E62 (2004-2009)
MINI R50/R51/R53/R55/R56/R57 (2001-2009)
Z3 (1998-2002) (1.9L, 2.0L, 2.2L, 2.3L, 2.5L, 2.8L, and 3.0L)
Z4 E85/E86 (2003-2009)
Z8 (1999-2003)
System Tests:
Determine All Systems Present and Operating
Display Service and Inspection Information
Display Coding Information
Self-Test (Safety and Information)
Steering Angle Adjust (MK20, MK60, DSC 8 [E46, E90, E83, and MINI all models])

Lateral Acceleration and Pressure Adjust (MK60 [E46 non-M models and MINI])
ABS Bleed (MK60 [on E46 '03+, E85/E86, and MINI models])
Service Functions:
Reset Airbag Light
Register Replacement Battery (D80 and V80)
Reset Oil Service Light (for all 9/2000+ models)
Reset Service Interval Distance and Time (for all 9/2000+ models)
Reset Conditional Based Service (E6X and E9X models)
Reset DME, EGS, and RLS Adaptations
Clear and Set Transport and Sleep Modes
Teach In Clutch Slipping, Teach In Clutch Characteristic Curve, Teach Clutch Values, and Longitudinal Acceleration Sensor Offset (SMG II)

Enhanced interface for Honda and Acura (EI08) 1996-2010
Our enhanced Honda interface supports hundreds of sensors and bi-directional controls selected from the engine (PGM), transmission (TCM), ABS, and airbag systems.

System Tests:
ADS Damper Forced Operation
ADS Jack-Up Stroke Calibration
ATTS Lateral G And Yaw Rate Calibration
ATTS Steering Angle Calibration
Calibrates All Sensor (ABS Type 1 & 4)
Crank Position Sensor Notch Learn
DBW Throttle Carbon Clogging Reset
DBW Throttle Carbon Clogging Status
Engine Oil Replacement Reset
OPDS Initialization
OPDS Sensor Adjustment
Reset Wheel Speed Pulse Counters (ABS Type 1 & 4)
Resolver Zero-Position Offset Calibration
SWS Initialization

Enhanced interface for Hyundai and Kia (EI09) 1996-2010
Our enhanced Hyundai and Kia interface supports hundreds of sensors selected from the powertrain, body, chassis, and transmission systems. Coverage includes the European counterparts such as the Azera, Enterprise, Picanto, Pride, etc. Finally, we support retrieving the ECM information block to view Boot Software Number, ECU Hardware Number, Programming Date, etc.

System Tests:
EVAP Leak Test (Siemens 655 [Rev 17, 18, 19], 670 [Rev 8], Bosch COM 1.1)
Reset Adaptions
PODS Reset

Read Block Information
Steering Angle Calibration (ABS/ES 95660 [Rev 23 and 32])

Enhanced interface for Land Rover (EI10) 2002-2010
Our enhanced Land Rover interface supports hundreds of sensors and bi-directional controls selected from the engine, transmission, body, and chassis controllers. Coverage includes the Freelander (2002-2005), New Range Rover (2002.5-2010), LR2 (2007-2010), LR3 (2004-2010) LR4 (2010).

Advanced features besting even the factory solutions:
View more then 16 sensors at one time
Faster connections
More PIDs available on most controllers
Steering Lock Column Module fully integrated
Service Functions:
Display Service and Inspection Information
Display Coding Information
Reset Service Interval Distance and Time (for '00+ BMW-based models)
Reset DME and EGS Adaptions

Enhanced interface for Jaguar (EI11) 1995-2010
Our enhanced Jaguar interface supports hundreds of sensors and bi-directional controls selected from the engine, transmission, body, and chassis controllers. Coverage includes the XK, X Type, S Type, XJ, and XF models. Additionally, coverage includes the late model medium speed CAN (MCAN) controllers such as HVAC, Audio, Keyless Vehicle, Park Aid, Side Object Detection Control, Central Junction, etc.
Advanced features besting even the factory solutions:
View more then 16 sensors at one time
More intuitive and powerful user-interface
OBD-II functionality integrated with Jaguar-specific functionality
Faster connections
More PIDs available on most controllers
Service Functions:
Injector Coding (2.0L)
Brake Sensor Setup
Display Last Alarm Activations (SLM and GEM)
Display Fuel Adaptation Tables
Fuel Adaptation Monitor
Electronic Parking Brake Release To Service
Front And/Or Rear Light Calibration (ADHLS and HCM)
Reset TCM Adaptations (most models)
Yaw and Lateral Accelerometer Calibration
Reset ABS Configurations
System Self Test (SType Only GEM, REM, DDM, PDM)

EVAP Leak Test (some ECM variations are not currently supported)

Enhanced interface for Subaru (EI12) 1999-2009

Our enhanced Subaru interface supports hundreds of sensors selected from the engine, transmission, and late model ABS systems.

Permanent Functions:
Retard Ignition
Idle RPM Adjustments (with AC and without AC)

Enhanced interface for Porsche (EI13) 1994-2010

Our enhanced Porsche interface supports live data, bi-directional actuations, system-level tests, and trouble code retrieval and clearing from 60+ systems. Coverage includes the popular 911 (1994-2009), Boxster (1997-2009), Cayman (2006-2009), Carrera GT (2005-2006), Cayenne (2003-2009). With our enhanced Porsche, we support live data and drive links from more than 50+ controllers. If live data isn't enough, we have component-level actuations so you can test a component on your own terms instead of recreating the conditions for actuation. Finally, with Vehicle Data support (i.e., Ignition Ranges counters) you can see the state of your vehicle prior to repair or purchase.

Advanced features besting even the factory solutions:
More intuitive and powerful user-interface
OBD-II functionality integrated with Porsche-specific functionality
VIN-based model decoding for rapid vehicle identification
Plug-n-Play hardware requiring no device drivers
Trouble code status byte decoding to assist in determining the nature of the fault
English translations of fault codes
Service Functions:
Event Memory (Airbag)
Operating Hours (Airbag)
Calibration (HBA and Air Conditioning)
Events and Erase Events (Instrument Cluster)
Events, Erase Events, and Reset (Instrument Cluster CAN)
Display Module Information
Display Vehicle Data (986/987/996/997)

Enhanced interface for Isuzu (EI14) 1996-2010

Our enhanced Isuzu interface supports hundreds of sensors selected from the engine, transmission, airbag, and ABS systems.

Enhanced interface for Mitsubishi (EI15) 1996-2009

Our enhanced Mitsubishi interface supports hundreds of sensors selected from the MFI, ABS, AT, Immobilizer, Advanced features besting even the factory solutions:
Advanced features besting even the factory solutions:
More intuitive and powerful user-interface

Faster updates
View more then 8 sensors are once
Special Functions:
ECU Information (All CAN controllers)
EVAP Leak Test (MFI CAN)
EVAP Leak Monitor (MFI E200, E400, E500, E600, 1400, and 1600 Series)
Gas Emissions Test Mode and Sensitivity Check (ABS CAN)
Reset Learned Values (MFI CAN)
Zero Calibration (Some OCM CAN)
SAS Initialization (SAS CAN)
Steering Angle Initialization and Operation Test (ACD CAN)
Air Bleed and Lateral G Sensor Initialization (ACD CAN)
Service Interval Reset (Meter CAN)
Tire Pressure Sensor ID Check (TPMS CAN (Front Only))

Enhanced interface for Audi/VW (EI16) 1996-2010
Our enhanced Audi/VW interface supports hundreds of sensors selected from the engine, transmission, ABS, airbag, and dozens of other systems. To help facilitate ease-of-use for this interface, we've allowed users to select as many sensors as they want. We also do not require that certain sensor groups to be selected in specific orders. We've also extended our support by allowing module coverage to be externally added by way of the Audi Information File (AIF). These files can be generated during a network test or during a module sensor mapping test and help extend the over all coverage of the interface untill such coverage can be built into the software. Many of the features that Audi/VW features offer are not consistent with other manufactures (i.e. Ford, GM) as they do not offer component-level actuations and the sensors vary based on installed modules. Like most aftermarket Audi/VW tools, some of the sensor descriptions are missing, but data values can still be retrieved with basic descriptions. It is therefore strongly recommend to use a service manual alongside our tool while working on these vehicles.

Advanced features:
Adaptation
ADC Channels
Basic Settings
Coding II/Login (7-digit PIN/SKC Not Supported)
Gateway List (CAN)
Login
Module Information
Module Recoding
Long Coding
Soft Coding
Module Sensor Mapping
Network Test
Output Tests (Automatic and Specific)

Optical Bus Diagnostics (CAN)
SRI Reset
Transport Active/Deactive Mode (CAN)

Enhanced interface for Mercedes (EI17) 1998-2010

Our enhanced Mercedes interface supports thousands of sensors and hundreds of bi-directional controls for systems such as DME, EGS, ABS, AAC, BAS, SRS, WSS, EWS, CGW, ICM, DAS, MRM, LCP, UCP, OCP, SAM, and dozens more body and chassis controllers. Support includes systems on both the 16pin OBDII and 38pin interfaces.

Live data, bi-directional controls, and trouble code retrieval for the popular M and GL Class (163 / 164), SLK Class (170 / 171), C Class (202 / 203 / 204), CLK Class (208 / 209), E Class (210 / 211), CL Class (215 / 216), CLS Class (219), S Class (220 / 221), SL Class (230), B Class (245), R Class (251), G Class (463), and V Class(Viano/Sprinter). Trouble code retrieval only for DAS 3 equipped S Class (140) models currently.

Advanced Features:
Display Adaptation Values (DME 2.0)
Display ECU Information
Reporting Status Byte and SubType codes
VIN model decoding
Support for D- and N-Codes
Read and Clear Fault Codes/Events
Service Functions:
Power Window Denormalization for DCM aand LCP controllers
Reset ECU
SBC Deactivation and activation
Reset Sensor and Mixture Adaptation (ME2.8)
Reset Adaptation Values, Cold Start Adaptation Values, and Activate Fuel Pump (ME9.7)
Learn Throttle Valve Stop, Teach-In Ethanol Portion, and Reset Ethanol Teach-In Processes (ME9.7)
Reset Quantity Mean Value Adaptation Data (CDI2 - CDI5)
Reset Transmission Adaptations (EGS52, EGS53, and VGS2)
Reset Service Interval ('03 and earlier with FSS only)
Reset Oil Service ('03 and earlier with FSS only)
Rodeo, Pitch, Roll, and Move Towards Calibrated Level functions (ABC and ABC230)