

PassThru+ XS



PassThru+ XS® Assets :

**Fully compliant to J2534 & J2534-1,
reasonably priced**

Validated by

AUDI
BMW
Chrysler
Daimler
Ford
GM
Honda
Hyundai
Mitsubishi
Nissan
Porsche
Toyota
Volkswagen

...



High integrated for high capabilities

SAE J2534 / J2534-1 & competition fairness

It is sometimes necessary to reprogram ECU's to regulate and repair cars equipped with OBD systems which are do not conform with pollution emission values.

Until now the ECU's reprogramming capabilities were integrated in OEM's specific diagnostic tools. A consumer had to rely on the car manufacturers dealership.

Any non franchise dealership would have to invest several thousand dollars in obtaining specialised tools (one per brand!) to be able to perform ECU reprogramming. This factor places the freelance dealership in a non competitive position which ultimately will impact a consumer's freedom of dealership choice.

EPA (Environmental Protection Agency) has ordered for this reason, an SAE to define norms called SAE J2534 and SAE J2534-1. This so called PASS THRU norm defines technically the protocols of communication which have to be supported by a standard vehicle communication interface in order to enable the flashing of the ECU's relevant for pollution emission.

Take the challenge to success

Several communication protocols used on different brands have to be supported by a PASS THRU (or Passthrough) device. To success to the challenge of being fully compliant to SAE J2534 and J2534-1, the following protocols have to be supported:

- K- Line ISO 9141
- KWP 2000 ISO 14230-4
- SAE J1850 PWM
- SAE J1850 VPW
- CAN 2.0B ISO 11898
- CAN ISO 15765-4
- SCI SAE J2610

I+ME ACTIA has been developping for high reputed OEM's customized vehicle communication interfaces for more than 20 years. That is why we were able to take this challenge and develop a PassThru interface able to meet all these requirements.



Maximised return on minimal investment: The "reasonable price"

SAE J2534 and SAE J2534-1 not only define the technical requirements to fulfill but also targeted a reasonable price. Our permanent target is to warranty our customers high quality to reasonable prices.

PassThru+ XS[®] meets this requirement and is a cost effective solution to enable its use in the workshop.

Furthermore, because of the validation of PassThru+ XS[®] by several car manufacturers, you benefit of the best price with a maximal use.

High capabilities for connecting to standard technologies

The PassThru+ XS has two possibilities of connection to a standard PC or laptop: by RS232 or USB.

All you need to reprogram the ECU's is a PassThru+ XS Set, a standard PC or laptop equipped with a windows operating system and an internet access.

Furthermore, BMW authorises us to supply to our customers a BMW starter kit, which enables to reprogramm several BMW cars which are not equipped with the OBD plug but with the BMW specific diagnostic plug.

OEM's validation



PassThru+ XS® How to reprogramm ECUs byChrysler (*)

Connection to

Connect to Internet on <http://techauthority.com>.
Select Online and
Categorie
Reprogramming

Internet

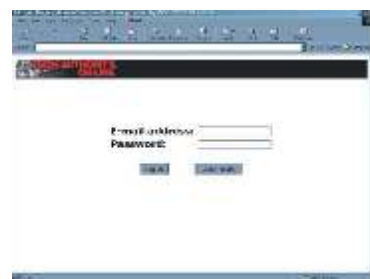


1.

Login

Login and pay the
wished subscription

Pay



2.

Select

Select Flash

Flash



3.

Select

Enter Vehicle
characteristics
Download Flash
application (according to
selected vehicle)

and Download



4.

Approved by the OEM's (*)

All OEMs are now offering service information
via the internet. Herewith the OEM's who
tested and validated the PassThru+ XS:

Audi : <http://erwin.audi.de>

BMW : <http://www.bmwtechno.com>

Chrysler : <http://techauthority.com>

Ford : <http://www.motorcraft.com>

Mercedes Benz : <http://www.startekinfo.com>

Porsche : <http://techinfo.porsche.com>

Volkswagen : <http://erwin.volkswagen.de>

General Motors : <http://www.gmtechno.com>

Honda :
<http://www.ServiceExpress.Honda.com>

Mitsubishi : <http://www.mitsubishitechno.com>

(*) Status on April 2006

XS - The new generation of vehicle communication interfaces



Order Information

Product includes



Order Nr.	Description
IME3902401	PassThru+ XS Set incl.: PassThru+XS hardware OBD2 cable (2 m) API on CD Documentation on CD

On request



Order Nr.	Description
IME3902706	BMW Starter Kit (cable with special round plug)
IME3902701	Additional OBD cable (5 m)



On request



Order Nr.	Description
IME3902403	PassThru+ XS Bluetooth Set incl.: PassThru+XS hardware OBD2 cable (2 m) API on CD Documentation on CD

NEW!

Further information on www.passthruxs.com

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ACTIA Diagnostic Services

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