Web investigation of emulation & device removal services

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AdBlue emulators

• 87 separate sites identified, supplying Europe from countries in Europe and the rest of the world.

• Mostly plug-in OBD devices, some require wiring.

• Available for Euro IV, V and VI.

• All truck brands covered, also some agricultural vehicles.

• Multi-brand programmable or dedicated.

• Highly inhomogeneous suppliers, models and prices.
Geographical spread

* AU, BU, CZ, EE, IE, IT, LV, PT

** Brazil, Russia, Singapore, Turkey, Ukraine
Categories of device

21 categories of device identified (some of which include sub-categories). These can be grouped:

- **China, basic device:** €10 - €40
  - The same devices are sold by multiple sites (identified from pictures)

- **Europe, basic device:** €30 upwards
  - Many UK based, also CZ, PL, EE

- **China, advanced device:** ~€150
  - With programming adaptor or NOx sensor

- **Europe, medium price range:** €120 - €400
  - UK, NL, PL, IE

- **Europe, specific models/Euro VI:** €600 upwards
  - High end versions: UK, SE, AU, PL, EE

- **No sites based in DE, only one each in IT, ES**
Example devices (with hyperlinks)

Chinese, basic device

Recurring model

Recurring model

Recurring model

Chinese, advanced device

With NOx sensor

European, high price, specific models/Euro VI

European, basic device

European, medium price range

One service claiming to provide remote programming, no emulator

Recurring model

Recurring model
Additional observations

- All sites specifying emulator type also specify OBD connectors. Pictures indicate wiring may be necessary in some cases.

- 20 sites do not specify the type nor provide pictures

- 15 out of 87 post OEMs’ logos on website

- 25 out of 87 include disclaimers

- Endorsements:
  - Three out of 87 explicitly state no endorsement from OEMs
  - One site presents OEM logos under the heading “Partners”
  - Other sites make no explicit reference to manufacturers apart from those displaying logos

- Most well-known e-commerce sites sell them: Amazon, Allegro, Alibaba, Made-in-china.

- Also sold on peer-to-peer sites such as eBay
Recommended candidates for review

- **Category 1 (EU made, UK sites): common version**
  - Basic model: “V4 NOx” or “V5 NOx”
  - “Euro VI” or “Mercedes-Benz SCR” version

- **Category 3c (assumed EU made): most expensive**

- **Category 5a-h (EU)**

- **Chinese low cost:**
  - Category 7
  - Category 10 – most common (or category 8 – from same manufacturer)

- **Chinese medium cost:**
  - Category 12 with NOx sensor
THANK YOU FOR YOUR ATTENTION

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