

15 June, 2012

**Subject: Release of HILS Open source model for “Serial” HD Hybrid Vehicle using rigid model**

Japan has been working for the full open source of the standardized HEV model in Japan for the purpose of international harmonization of HILS test procedure.

Nevertheless, current HILS Certification Model used in Japan can not be provided due to the intellectual property right.

To get over this difficulty, JAMA/JARI is now under development of another model which can be disclosed. The model which we release today is a rigid model for serial hybrid vehicle, which we have newly developed.

As explained above, this is not the same model which is currently certified as HILS test procedure in Japan, however, the accuracy is almost verified by experts from HEV WG of JAMA.

We have also started the development of torque converter model, and the verification is also now underway, with a target of receiving approvals as HILS test procedure in Japan.

We are ready to consider the support to the research laboratories in member countries of HDH-IG for their operation of the model if required.

Sincerely,

Japan Automobile Standards Internationalization Center (JASIC)