

## **Fuji Heavy Industries Will Unveil Subaru Forester and Impreza Models with Subaru Boxer Diesel at the 2008 Paris Motor Show**

Tokyo, September 5, 2008 – Fuji Heavy Industries Ltd. (FHI), the maker of Subaru automobiles, today announced that it will exhibit its Forester and Impreza models equipped with Subaru Boxer Diesel at the Mondiale de l'Automobile (Paris Motor Show), which will open its doors to the public from October 4 through 19, 2008 (press days on October 2 and 3). The Forester 2.0D and Impreza 2.0D models will be on sale in Europe after this autumn. In addition to the Legacy and Outback models, already available with the Boxer Diesel, Subaru has strengthened its diesel model lineup to meet a wider array of customers' needs in the European market. FHI will also display the R1e and G4e Concept, prototype electric vehicles, to provide a glimpse into FHI's environmental technologies.

A press conference is scheduled to be held at the Subaru booth at 17:00 on October 2.



Subaru Forester 2.0D XS



Subaru Impreza 2.0D Sport

### **1. Subaru Forester 2.0D and Impreza 2.0D**

The Subaru Boxer Diesel has garnered enthusiastic accolades since it became available in both the Legacy and Outback for the European market in the spring of 2008. Now mounted on the Forester and Impreza, the new and improved Boxer Diesel has adopted the closed-type DPF (diesel particulate filter), and comes with a newly developed six-speed manual transmission, further improving the vehicles' fuel economy and emission control.

#### Forester 2.0D

Featuring high levels of versatility and comfort, the Forester is a crossover SUV that not only offers safe and stable driving performance that is enhanced by Subaru's unique Symmetrical AWD (all-wheel-drive) system, but it also excels in environmental friendliness. The Forester 2.0D model boasts the lowest CO<sub>2</sub> emission level (167 g/km) in the compact SUV category.

## Impreza 2.0D

The Impreza incorporates three core Subaru values: sophisticated styling; useful and convenient packaging; and a quality ride. Now with the addition of the Subaru Boxer Diesel, the six-speed manual transmission, and a finely tuned suspension, the 5-door hatchback Impreza 2.0D model offers agile and sporty drivability, comfort and advanced safety, along with environmental features.

## Subaru Boxer Diesel

The Subaru Boxer Diesel is characterized by compactness and low weight, which are enabled by the high rigidity afforded by the Horizontally-Opposed engine design and through the use of an aluminum alloy cylinder block. Another key feature is its quietness, made possible by the layout of the opposed pistons that cancel out inertia forces and create smooth rotations, which, as a result, reduces vibrations. On top of this, the Subaru Boxer Diesel delivers excellent acceleration response, enabling sporty driving while offering outstanding fuel economy with reduced emissions.

### [Subaru Boxer Diesel: Main specifications]

- Engine type: Horizontally-Opposed 4-cylinder DOHC 16-valve turbo diesel
- Displacement: 1998 cc
- Maximum output: 108 kW (147 PS)/3600 rpm (Forester 2.0D)  
110 kW (150 PS)/3600 rpm (Impreza 2.0D)
- Maximum torque: 350 Nm (35.7 kgf·m)/1800 ~ 2400 rpm
- CO<sub>2</sub> emissions: 167 g/km (Forester 2.0D), 152 g/km (Impreza 2.0D)
- Fuel injection system: Common rail type
- Turbo type: Variable nozzle type turbocharger



Subaru Boxer Diesel

## **2. Other exhibits**

- Subaru Impreza WRC2008 (replica)

This is a replica of the new World Rally Car used in the World Rally Championship competition in 2008.

- Subaru R1e

Jointly developed by Subaru and Tokyo Electric Power Company (TEPCO), the R1e has been continually road-tested. Currently, 40 Subaru R1e vehicles are used as part of TEPCO's corporate fleet with an eye toward further refinement.

- Subaru G4e Concept

The G4e is the next-generation EV concept car. Lightweight, with next-generation lithium-ion batteries, it aims to have an estimated travel range of about 200 km between charges.

- Subaru 50<sup>th</sup> Anniversary Display

In commemoration of the 50<sup>th</sup> anniversary of the creation of the original Subaru 360, the display corner showcases the earliest 360, with panels summarizing historical highlights.

## About Fuji Heavy Industries Ltd.

Fuji Heavy Industries Ltd. (FHI), the maker of Subaru automobiles, is a leading manufacturer in Japan with a long history of technological innovations that dates back to its origin as an aircraft company. While the automotive business is a main business pillar, FHI's Aerospace, Industrial Products and Eco Technologies divisions offer a diverse range of products from general-purpose engines, power generators, and sanitation trucks to small airplanes, crucial components for passenger aircrafts, and wind-powered electricity generating systems. Recognized internationally for its AWD (all-wheel drive) technology and Horizontally-Opposed engines in Subaru, FHI is also spearheading the development of environmentally friendly products and is committed to contributing to global environmental preservation.