

## **Participation in the 59. IAA International Motor Show**

Aisin Group presents on exhibition in the 59. IAA International Motor Show, held in Frankfurt, in Germany, and from September 12, 2001. We have participated in the IAA show every time since 1997 (the 57th IAA). At this show, "Aiming to become a worldwide supplier with the group synergies" is our goal for this exhibition. In order to show our commitment to the developments of the innovative and systematized products, we display high-quality, sophisticated, cost competitive system products realized by our development, production and evaluation system.

<Outline of the display>

### Drivetrain related products

- Displays 6-speed and 5-speed manual transaxles and a 6-speed manual transmission, which correspond to the market needs for multiple speed transmissions. Three items (BC16, BC5, AZ-6) were especially selected among the wide-ranging production lineup of manual transmission.
- Automated Manual Transmission (AMT)
- Automatic Transmission for commercial vehicle

### Body related products

- Displays a variety of door systems, which meet users' needs for convenience, comfort and safety.  
(i.e. Power Slide Door System, Power Back Door System and Smart Entry System, etc. installed in minivans )
- Sunroof
- Retractable Hardtop System

### Brake and chassis related products

- Displays brake system and chassis system installed in a car-shaped panel.
- Shows a video introducing the new company ADVICS's commitment to brake system development.

### Engine related products

- Introduces the system development of engine related products by displaying an actual engine device equipped with 14 engine parts, which Aisin Group has jointly developed

and produced.

- Demonstrates how Variable Valve Timing (VVT) and Variable Flow Turbocharger (VFT) systems operate.
- Exhaust Manifolds

#### Information related products and others

- Displays a simulator of the Parking Assist System. This system is designed to help drivers park their vehicles while in reverse by monitoring the rear of the car with a virtual line on the navigation monitor.
- 42V PWM (pulse width modulation) system
- Switched reluctance motor system for EV, HEV and FCEV

#### Notes:

Aisin Group is one of the world's top automotive parts suppliers. Aisin Seiki Co., Ltd. is situated in the core of the group, which comprises of 108 subsidiaries and affiliates in 15 countries all over the world. Sales totals JPY 1,128 billion (approx. Euro 11.3 billion). The total number of employees is 37,000.

In Europe, Aisin Europe, S.A. was established in 1971, distributing “TOYOTA” brand sewing machines and knitting machines and “ASCO” brand clutches for the aftermarket. Thereafter, Aisin Group launched supplying OE (Original Equipment) parts to European car manufacturers, such as Volvo, Peugeot and Renault. Receiving many inquiries since then, we have convinced that this market would become ever more important in the future. In 1998, Aisin Europe Manufacturing (UK) Ltd. was founded in Britain to produce automotive parts locally. Recently, we have expanded supplies of VVT (Variable Valve Timing) to BMW in addition to Volvo and Renault, deploying consistent business activities from development, to production, and to sales.

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