Yasumori Ihara
President, AISIN SEIKI Co., LTD.
Total Automotive Parts Supplier

- Engine-related
- Drivetrain-related
- Brake & Chassis-related
- Body-related
- Information
- Electronic-related
We offer all variations of transmissions

AT
MT
CVT
We sell more than 10 million transmissions annually.
World Premier:
Three New Transmissions
World Premier: Three New Transmissions

- 8-Speed FWD Automatic Transmission
- Multi-stage THS II RWD Transmission
- 10-Speed RWD Automatic Transmission
Exciting Experience and Direct Driving Feel Associated with High Responsiveness

Direct and Smooth
8-Speed FWD Automatic Transmission

AWF8G30
8-Speed FWD Automatic Transmission

- Compact Design
- Expanding the Lock-up Area

Direct Driving Feel

Superb Fuel Efficiency
Multi-stage THS II RWD Transmission

The world’s first

Integrating Multi-stage Transmission

AWRHM50
Multi-stage THS Ⅱ RWD Transmission

- Integrating Multi-stage Transmission

Outstanding Acceleration Performance

Excellent Fuel Efficiency
10-Speed RWD Automatic Transmission

AWR10L65
10-Speed RWD Automatic Transmission

- The wider gear ratio range enabled with a “10-speed”
- The world’s fastest shifting response time

Rhythmical Driving Experience

The Direct Driving Feel
The Future Development Vision of the Aisin Group
Core Technology Categories

Engine-Related

Drivetrain

Brake & Chassis

Information-Related

Body-Related
The Future Development Vision of the Aisin Group

Zero Emission

Automated Driving

Connected

Engine-Related

Drivetrain

Brake & Chassis

Information-Related

Body-Related

Electrification

Vehicle Dynamics Control

Automated Valet Parking

Hospitality
The Future Development Vision of the Aisin Group

Zero Emission  Automated Driving  Connected

Electrification  Automated Valet Parking  Hospitality

Vehicle Dynamics Control
Zero Emission

Electrification
Road to Zero Emission

Conventional
- AT
- MT
- CVT

Hybrid
- 2 Motor
- e-4WD

EV/FCV
- New Lineup
  - 1 Motor

Core Technology
- Motor
- Inverter
Automated Driving

Vehicle Dynamics Control
Past Approaches of Vehicle Dynamics Control

Vehicle Dynamics Integrated Management

- Anti-lock Braking System
- Electronic Control Braking System
- ESC (Electronic stability control)
- Traction Control
- Electric Power Steering

Dynamics Control

- Steering
  - Active Rear Steering
- Suspension
  - Electronic Suspension
- Brake
  - Brake Caliper
Movie of the Vehicle Dynamics Control

Without control

With control
Automated Driving

Automated Valet Parking
Further Convenience User Friendly Parking Support

Automated Valet Parking 2014
First Shown at "ITS World Congress" 2014

Intelligent Parking Assist 2003 "The world's first"

Remote Parking 2014

Harmonization of Infrastructure
Recognized Distance
Hospitality
Connected Vehicle Infrastructure Cloud

Vehicle

Vehicle
Infrastructure
Cloud
Hospitality
Past Approaches

Map Information

Sensor

Actuator
Future Direction

- **Map Information**
- **Sensor**
- **Actuator**
- **Cloud**
  - Information outside a car
  - The driver's condition
  - Adjusting the room environment

Hospitality
Comfortable Moving
Future Personal Mobility Vehicle ‘ILY-A i’

The ‘Mobility Partner’
Smartly connecting you and your community
Future Personal Mobility Vehicle ‘ILY-A i’

Booth Number 51